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Vol. 1

Evenden, Fred G.

1940 - 1947

#1 - #646

List of localities
(early notes)

Oregon,
Washington,
Idaho

(overseas)

Calif., Arizona

LOCATION OF FIELD TRIPS

1. May 7, 1940, Portland, Oregon Council Crest
2. May 11, 1940, Woodburn, Oregon Payzant's
3. May 12, 1940, Woodburn, Oregon Payzant's
4. May 16, 1940, Portland, Oregon, Pittock Bird Sanctuary
5. May 18, 1940, Woodburn, Oregon, Belle Passe
6. May 19, 1940, Woodburn, Oregon Kirsch's Woods
7. May 21, 1940, Portland, Oregon, Upper and Lower MacLay Parks
8. June 2, 1940, Little North Fork of the Santiam River
9, June 5, 1940, Killian Bridge, Pudding River, Woodburn, Oregon
10. June 6, 1940, Woodburn, Oregon
11. June 15, 1940, Woodburn, Oregon, Payzant's
12. June 25, 1940, Brietenbush Lake, El. 5500'
13. June 27, 1940, Jefferson Park, El. 5500'
14. June 30, 1940, Pamelia Lake, El. 4300'
15. July 3, 1940, Hunt's Cove to Marion Lake 6800' to 4140'
16. July 4, 1940, Jorn Lake
17. July 7, 1940, Summit of Santiam Pass -- Hoodoo Ski Lodge
18. July 17, 1940, Woodburn, Oregon Kirsch's Woods
19. August 7, 1940, Woodburn, Oregon, Pudding River Bridge
20. Sept. 15, 1940, Woodburn, Oregon
21. Sept. 16, 1940, Woodburn, Oregon
22. Sept. 21, 1940, Woodburn, Oregon, Pudding River Bridge
23. Sept. 21, 1940, Woodburn, Oregon, Kirsch's Woods
24. Sept. 22, 1940, Portland, Oregon
25. Sept. 22, 1940, Mt. Angel, Oregon Jack's Bridge, Butte Creek
26. Sept. 31, 1940, Corvallis, Oregon, Brook Lane and Avery Park
27. Oct. 4, 1940, Corvallis, Oregon
28. Oct. 10, 1940, Corvallis, Oregon
29. Oct. 13, 1940, Wooduburn, Oregon south Pudding River
30. Oct. 13, 1940, Woodburn, Oregon south end of town
31. Oct. 20, 1940, Corvallis, Oregon, MacDonald Forest
32. Oct. 25, 1940, Woodburn, Oregon
33. Nov. 1, 1940, Corvallis, Oregon Campus
34. Oct. 27, 1940, Mt. Angel, Oregon, Jack's Bridge on Butte Creek.
35. Nov. 9, 1940, Woodubrn, Oregon home
36. Nov. 21, 1940, Woddburn, Oregon, Pudding River
37. Nov. 24, 1940, Monmouth to Corvallis, Oregon
38. Nov. 25, 1940, Corvallis, Oregon, Campus
39. Dec. 7, 1940, Corvallis, Oregon, Avery Park
40. Dec. 13, 1940, Corvallis, Oregon
41. Dec. 22, 1940, Woodburn, Oregon, Pudding River
42. Dec. 24, 1940, Woodburn, Oregon
43. Dec. 28, 1940, Mt. Hood, Oregon, Timberline Lodge and Road.
44. Jan. 5, 1941, Corvallis, Oregon
45. Feb. 9, 1941, Mt. Angel, Oregon, Jack's Bridge on Butte Creek
46. Feb. 15, 1941, Corvallis, Oregon, MacDonald Forest, south end
47. Feb. 20, 1941, Corvallis, Oregon campus
48. Feb. 22, 1941, Corvallis, Oregon
49. Feb. 25, 1941, Corvallis, Oregon
50. Feb. 27, 1941, Corvallis, Oregon
51. Mar. 7, 1941, Corvallis, Oregon Aiport to Corvallis on Mary's River
52. Mar. 9, 1941, Corvallis, Oregon, Brook Lane
53. Mar. 11, 1941, Jefferson, Oregon
54. Mar. 15, 1941, Woodburn, Oregon
55. Mar. 16, 1941, Woodburn, Oregon, Pudding River
56. Mar. 19, 1941, Woodburn, Oregon, Payzant's Woods
57. Mar. 30, 1941, Agate Beach, Oregon
58. Mar. 24, 1941, Corvallis, Oregon, Willamette River

59. Apr. 6, 1941, Corvallis, Oregon, Cemetery Hill
60. Apr. 4, 1941, Corvallis, Oregon, Mary's River
61. Apr. 8, 1941, Corvallis, Oregon,
62. Apr. 12, 1941, Mollala, Oregon, North Fork of Mollala River
62a. Apr. 19, 1941, Silverton, Oregon, Silver Creek Falls Park
63. Apr. 13, 1941, Woodburn, Oregon, Kirsch's Woods
64. Apr. 20, 1941, Corvallis, Oregon, Peoria Ferry
65. Apr. 20, 1941, Mary's Peak, Oregon
66. Apr. 18, 1941, Corvallis, Oregon, Oak Creek
67. Apr. 21, 1941, Corvallis, Oregon
68. Apr. 26, 1941, Corvallis, Oregon, Avery Park.
69. Aprl 28, 1941, Corvallis, Oregon
70. Apr. 27, 1941, Newport, Oregon
71. Apr. 26, 1941, Corvallis, Oregon, Avery Park
72. Apr. 28, 1941, Corvallis, Oregon, Mac Donald Forest south end.
73. May 7, 1941, Corvallis, Oregon, Brook Lane
74. May 8, 1941, Corvallis, Oregon Mary's River Brook Lane
* 75. May 10, 1941, Corvallis, Oregon 12-mile Swamp — FIRST TIME!!! → X
76. May 16 and 17, 1941, Dufur to Suttle Lake, Oregon
77. May 18, 1941, Corvallis, Oregon 12-mile Swamp
78. May 24, 1941, Corvallis, Oregon 12- mile Swamp
79. June 1, 1941, Corvallis, Oregon
80. May 25, 1941, Newport, Oregon
81. June 10, 1941. Woodburn, West Woodburn and Pudding River
82. June 12, 1941, Woodburn, Oregon Payzant's Woods
83. June 25, 1941, Ashland, Oregon Lithia Park
84. June 27, 1941, San Francisco, Golden Gate Park
85. July 1, 1941, Yosemite Nat. Park MARIPOSA CO.
86. July 2, 1941, Crane Flats, Yosemite Nat. Park. TUOLUMNE CO.
87. July 2, 1941, Reno, Nev. WASHOE CO.
88. July 3, 1941, Redding, Calif. SHASTA
89. July 4, 1941, Klamath Lake, Oregon
90. July 29, 1941, Woodburn, Oregon, Pudding River
91. July 17, 1941, Woodburn, Oregon,
92. Aug. 5, 1941, Woodburn, Oregon, Payzant's Woods
93. Sept. 12, 1941, Woodburn, Oregon
94. Sept. 17, 1941, Woodburn, Oregon Payzants Woods
95. Sept. 22, 1941, Woodburn, Oregon Payzant's Woods
96. Sept. 21, 1941, Woodburn, Oregon Pudding River and McKee
97. Sept. 26, 1941, Corvallis, Oregon, Brook Lane
98. Sept. 28, 1941, Corvallis, Oregon Cemetery Hill
99. Oct. 10, 1941, Corvallis, Oregon, Campus
100. Oct. 15, 1941, Corvallis, Oregon, Soap Creek Area
101. Oct. 17 and 23, 1941, Faling Estate and also south of Monmouth
102. Nov. 9, 1941, Waldport, and Sea Lion Caves
103. Nov. 11, 1941, Payzants, Woodburn, Oregon
104. Nov. 30, 1941, Corvallis and Philomath, Oak Creek
105. Dec. 5, 1941. Corvallis, Oregon, Campus
106. Dec. 6, 1941, Corvallis, Oregon, MacFadden Estate and Swamp
107. Dec. 7, 1941, Corvallis, Oregon, Mt. Baldy
108. Dec. 14, 1941, Corvallis, Oregon Mary's River
109. Dec. 16, 1941, Corvallis, Oregon, Mary's River
110. Dec. 20, 1941, Portland, Oregon, Laurelhurst Park
111. Dec. 13, 1941, Corvallis, Oregon, Philomath
112. Dec. 15, 1941, Corvallis, Oregon, Duck Trap Pond
113. Jan. 10, 1942, Corvallis, Oregon, Cemetery Hill
114. Jan 26, 1942, Corvallis, Oregon,
115. Feb. 5, 1942, Corvallis, Oregon, Campus
116. Feb. 7, 1942, Corvallis, Oregon, Cemetery Hill
117. Feb. 28, 1942, Corvallis, Oregon, Cemetery Hill
118. Mar. 1, 1942, Newport and Yaquina Bay, Oregon

119. Feb. 1, 1942 Woodburn, Oregon, Pudding River
120. Feb. 14, 1942 Woodburn, Oregon , Payzant's
121. March 6, 1942 Corvallis to Monmouth
122. March 7, 1942, Woodburn, Oregon Pudding River and Belle Passe
123. Mar. 14, 1942 Corvallis, Oregon, Cemetery Hill and Avery Park
124. Mar. 15, 1942, Corvallis, to Newport to Florence, Triangle Lake
125. Mar. 16, 1942, Corvallis
126. Woodburn, Mar. 18, 1942, Oregon, Payzants
127. Mar. 19, 1942, Woodburn, Oregon
128. Mar. 20, 1942, Corvallis, Brrok Lane
129. Mar. 21, 1942, Corvallis, Oregon, Campus
130Mar. 23, 1942, Corvallis, Mary's River
131. Mar. 27, 1942, Corvallis, Oregon to Tangent
Joan 132. March 28 and 29, 1942, Timberline Lodge, Mt. Hood
133. Apr. 3 and 4, 1942, Corvallis, Oregon
134. Apr. 4, 1942, Philomath, Oregon
135. Apr. 8, 1942, Corvallis, Oregon
136. Apr.10, 1942, Corvallis, Oregon
137. Apr. 16, 1942, Corvallis, Oregon (Lab)
138. Apr. 18, 1942, Corvallis, Oregon, Brook Lane
139. Apr. 19, 1942, Cascadia, Oregon on South Santiam river
140. Apr. 20, 1942, Corvallis, Oregon
141. Apr. 23, 1942, Corvallis, Oregon (Lab.)
142. Apr. 25, 1942, Corvallis, Oregon, 12-mile Swamp and Avery Park.
143. Apr. 26, 1942, Corvallis, Oregon, Avery Park
144. May 2, 1942, Camas,Washington
145. Apr. 28, 1942, Corvallis, Oregon, Avery Park
146. May 5, 1942, Corvallis, Oregon , campus
147. May 5, 1942, Corvallis, Oregon, 12-mile Swamp
148. May 6, 1942, Corvallis, Oregon, Duck Trap Pond
149. May 8, 1942, Corvallis, Oregon Cemetery Hill and Oak Creek Road
150. May 13, 1942, Corvallis, Oregon, Brook Lane
151. May 16, 1942, Mary's Peak and enroute
152. May 23, 1942, Corvallis, Oregon Peoria Ferry
153. May 28, 1942, Corvallis, Oregon
154. May 31, 1942, Camas Washington
155. June 1, 1942, Woodburn, Oregn
156. June 5, 1942, Woodburn, Oregon, Pudding River
157. June 10, 1942, Woodburn, Oregn City Park
158. June 20, 1942, Salem, Oregon
159. June 21, 1942, Silver Creek Falls, Marion Co.
160. June 27, 1942, Woodburn, Oregon
161. June 28, 1942, Woodburn, to St. Paul
162. July 18, 1942, West Woodburn, Oregn
163. July 25, 1942, Camas, Washington
164. August. 2, 1942, Newport, Oregon
165. Aug. 6, ~~10/Aug./12/~~ Detroit, Oregon
166. Aug. 6, 1942, Big Lake
167. Aug. 7, 1942, Big Lake
168. Aug. 8. 1942, Santiam Lake
169. Aug. 9, 1942, Jorn Lake
170. Aug. 9, 1942, Red Butte
171. Aug. 10, 1942, Jorn Lake
172. Aug. 10, 1942, Jorn Lake and Green Peak
173. Aug. 11, 1942, Jorn Lake
174. Aug. 11 and 12, 1942, Red Butte and Jorn Lakes
175. Aug. 12, 1942, Duffy Lake and Big Meadows
176. Aug. 16, 1942, Woodburn, Oregon
177. Aug. 23, 1942, Mt,Angel College
178. Sept. 2, 1942, West Woodburn Woods

179. Sept. 4, 9, 12, 1942, Woodburn, Oregon
180. Sept. 13, 1942, Corvallis, Oregon
181. Sept. 26, 1942, McMinnville, Oregon
182. Sept. 27, 1942, Wecoma Beach, Oregon
183. Oct. 1, 1942, Corvallis, Oregon Peoria Ferry
184. Oct. 3, 1942, Corvallis, Oregon, Duck Trap Pond
185. Oct. 4, 1942, Corvallis, Oregon, Brook Lane
186. Oct. 9, 1942, Corvallis, Oregon, Cemetery Hill
187. Oct. 10, 1942, Portland, Oregon and Woodburn, Oregon
188. Oct. 15, 1942, Corvallis, Oregon
189. Oct. 24, 1942, Woodburn, Oregon
190. Nov. 5, 1942, Corvallis,to Portland, Oregon
191. Nov. 5, 1942, Portland to Port Townsend, Wash.
192. Nov. 6, 1942, Protection Island, Wash.
193. Nov. 14, 1942, Newport, Oregon
194. Nov. 19, 1942, Corvallis, Oregon, Duck Trap Pond
195. Nov. 21, 1942, Corvallis, to Mills City.
196. Dec. 8, 1942, Corvallis, Oregon, Campus
197. Dec. 21 and 22, 1942, Woodburn, Oregon
198. Jan. 12 and 16, 1943, Corvallis, Oregon
199. Jan. 17, 1943, Corvallis, Oregon, 12-mile Swamp
200. Jan 30, 1943, Corvallis, Oregon, Oak Creek
201. Jan. 31, 1943, Corvallis, Oregon, Avery Park and Cemetery Hill
202. Feb. 11, 1943, Corvallis, Oreg n N Cemetery Hill
203. Feb. 19 and 20, 1943, Corvallis, Oregon
204. Feb. 21, 1943, Yachats, and Corvallis, Oregon
205. Feb. 23, 1943, Corvallis, Newberg, Oregon
206. Feb. 27, and 28, Camas Washington
207. Mar. 1, 1943, Corvallis, Oregon, Campus
208. Mar. 2, 1943, Philomath, Oregon
209. Mar. 5, 1943, Corvallis, Oregon, Peoria Ferry Road, east side
210. Mar. 6, 1943, Corvallis, Oregon, 12-mile Swamp
211. Mar. 9, 1943, Corvallis, Oregon
212. Mar 10, 1943, Corvallis, Oregon 12-mile Swamp and Peoria Ferry
213. Mar. 11, 1943, Albany, Oregon
214. Mar. 12, 1943, Woodburn, Oregon
215. Mar. 15, 1943, Woodburn, Oregon
216. Mar. 16, 1943, Woodburn, Oregon
217. Mar. 18, 1943, Woodburn, Oregon
218. Mar. 20, 21, 1943, Camas, and Washougal Wash.
219. Mar. 23, 1943, Woodburn to St. Paul, Oregon.
220. Mar. 19, 1943, Mollala River, near Canby
221. Mar. 22, 1943, Woodburn, Oregon
222. Aprl 6, 1943, Ft. Lewis Reception Center, Wash.
223. Apr. 10, 1943, Steilacoom to Tacoma, Puget Sound
224. Apr. 11, 1943, Camas, Wash.
225. Apr. 13 and 14, 1943 Ft. Lewis
226. Apr. 28, 1943, Ft. Lewis, Wash.
227. May 2, 1943, Woodburn, Oregon, Pudding River
228. May 3, 1943, Ft. Lewis Reception Center
229. May 7, 1943, Klamath Lake, Oregon
230. May 8, 1943, Sacramento Valley, Calfornia.
231, May 10. 1943, B. T. C. #8 , Fresno, Calif.
232. May 12, 1943, Fresno, Calfi.
233. May 16, 1943, Fresno, Calif.
234. May 23, 1943, Fresno, Calif.
235. June 2, 1943, Grass Lake, Calif. Siskiyou Co.
236. June 2, 1943, Klamath Lake, Oregon
237. June 28, 1943, Camas, Wash.

238. July 5, 1943, McChord Field, Washington
239. July 10, 1943, McChord Field and Tacoma, Wash.
240. July 15, 1943, McChord Field, Washington
241. July 25, 1943, Washougal River, Wash.
242. Aug. 1, 1943, McChord to Spanaway Lake, Wash.
243. Aug. 2, 1943, Pt. Defiance, Tacoma, Wash.
244. Aug. 21, 1943, Wecoma Beach, ~~Wash~~ ORE
245. Sept. 3, 1943, McChord Field, Wash.
246. Sept. 15 and 17, 1943, McChord Field, Wash.
247. Sept. 18, 19, and 20, 1943, Tacoma, Wash.
248. Sept. 21, 1943, Tacoma, Wash.
249. Sept. 22, 1943, Steilacoom, Wash.
250. Oct. 2, 1943, McChord Field, Wash.
251. Oct. 4, 1943, Vashon Island, Tacoma, Wash.
252. Oct. 5, 1943, South Tacoma Swamp, Tacoma, Wash.
253. Oct. 6, 1943, Wapato Lake, Tacoma, Washington
254. Oct. 8, 1943, Tacoma, Wash.
255. Oct. 12, 1943, Ashford and Paradise Valley, Mt. Rainier, Wash.
256. Oct. 21, 1943, Woodburn, Oregon. Home
257. Oct. 27, 1943, Washougal, Washington, River Bottoms
258. Oct. 27, 1943, Camas, Washington, Palmer's Hill.
259. Nov. 9, 1943, College Place, Washington.
260. Nov. 11, 12, 1943, Walla Walla, Washington
261. Nov. 13, 14, 1943 - Walla Walla, Wash.
262. Nov. 15, 1943 Walla Walla, Wash.
263. Nov. 17, 1943, Walla Walla, Washington & vicinity
264. Nov. 20, 1943 - Walla Walla, Wash.
265. Nov. 23, 28, 1943 - Walla Walla, Wash.
266. Dec. 3, 1943 - Oregon Line to Wallula, Wash., along Col. R.
267. Dec. 3, 1943 - Walla Walla, Wash.
268. Dec. 6, 1943 - Pendleton and Hermiston - Umatilla, Oregon
269. Dec. 8, 11, 12, 18, 1943 - Walla Walla, Washington
270. Jan. 1, 2, 1944, Walla Walla, Wash.
271. Jan. 3, 1944 - Walla Walla, Waitsburg, Dayton, Colfax, Pullman,and
     Clarkston, Wash, and Lewiston, Idaho.
272. Jan. 6, 10, 15, 1944 - Walla Walla, Wash.
273. Jan. 16, 17, 1944 - Walla Walla, Wash.
274. Jan. 18, 1944 - Walla Walla - Wallula - Pasco - Cold Spring,Jct. Ore.
275. Jan. 18, 1944 - same
276. Jan. 24, Feb. 9, 1944 - Walla Walla, Wash.
277. Feb. 12, 19, 1944 - Walla Walla, Wash.
278. Feb. 21, 1944 - Lowden, Washington.
279. Feb. 23, 1944 - Walla Walla, Wash.
280. Feb. 27, 1944 - Walla Walla to Whitman Monument., Wash.
281. Mar. 7, 1944 Pendleton, LaGrande, Huntington, Weiser, Caldwell, Idaho.
282. Mar. 14, 1944 Butte Creek, near Payzants, Woodburn, Oregon
283. Mar. 15, 1944 Abiqua Creek, Oregon. Near Little Abiqua
284. Mar. 15, 1944 Pudding River, Woodburn, Oregon
285. Mar. 17, 1944 Corvallis, Oregon
286. Mar 28, 30, 1944. Mountain Home and vicinity, Idaho
287. Mar. 31, 1944 Mtn. Home to Boise Idaho.
288. Apr. 1, 1944 Glenns Ferry - Hammett, Idaho, along the Snake R.
289. Apr. 6, 1944 Mtn. Home, Idaho.
290. Apr. 7, 1944 Mtn. Home Reservoir - Dixie, Idaho.
291. Apr. 12, 1944 Mtn. Home Reservoir, Idaho
292. Apr. 13, 1944 , Mtn. Home Idaho.
293. Apr. 15, 17, 1944 Mtn. Home, Reservoir, and Area II, Idaho.

294. Apr. 21, 1944 Mtn. Home Area II, Idaho
295. Apr. 22, 1944 Mtn. Home Reservoir, Idaho
296. Apr. 23, 24, 1944, Mtn. Home and Area II, Idaho.
297. Apr. 25, 1944, Mtn. Home to Bennett Mtn. Idaho.
298. Apr. 26, 1944 Mtn. Home Area II, and Reservoir, Idaho
299. Apr. 28, 1944 Mtn. Home, Area II, Idaho
300. Apr. 29, May 1, 1944, Mtn. Home Area II, Idaho
301. May 2, 1944, Mtn. Home Reservoir, Idaho
302. May 2, 1944 Mtn. Home, Area II, Idaho.
303. May 3, 1944 Mtn. Home - Twin Falls, Hagerman, Idaho
304. May 4, 6, 1944, Mtn.Home Area II, Idaho.
305. May 7, 1944, Mtn. Home Reservoir, Idaho.
306. May 8, 10, 11, 1944, Mtn. Home Area II, Idaho.
307.. May 12,1944, Mtn. Home Reservoir, Idaho.
308. May 14, 1944, Mtn.Home, Area II, Idaho
309. May 16, 17, 1944, Mtn. Home Area II, and Reservoir, Idaho.
310. May 18, 19, 1944, Mtn. HomeArea II, Idaho.
311. May 18, 1944, Hines Oregon south of Burns, Oregon
312. May 20, 1944, Camas, Washington.
313. May 22, 1944, Woodburn, Oregon
314. May 24, 1944, Payzant's Woodburn, Oregon
315. May 25-26, 1944, Abiqua Creek, 20 miles from Woodburn, Oregon.
316. May 28, 1944, Caldwell- Boise, Idaho.
317. May 28, 1944, Mtn. Home Reservoir, Area II, Idaho
318. May 29, 30, 1944, Mtn. Home, Area II, Idaho. (thru to June 4, 1944)
319. June 4, 1944,Mtn. Home Reservoir, Idaho Tollgate- Dixie, Idaho.
320. June 7, 1944, Mtn. Home AAB to Snake R., Idaho.
321. June 9, 10, 15, 1944, Mtn. Home Area II, and Reservoir, Idaho.
322. June 17, 18, 1944, Mtn. Home AAB to Snake R. and return, Idaho. (and Area II)
323. June 20, 1944, Oklahoma City, Oklahoma, Tinker Field.
324. June 24, 1944, Mtn. Home Reservoir, Idaho.
325. July 2,3, 1944. Middleton, Idaho.
326. July 3, 1944, Umatilla, Oregon.
327. July 13, 1944, Wood river above Ketchum, Idaho. also Stanley and St. Basin.
328. July 25, 27, 29-30, 1944. Cascade and McCall, Idaho. -Payette River
329. Aug. 4, 1944 Council Idaho.
330. Aug 5, 1944, Camas, Washington
331. Aug 17, 1944, McCall, Idaho.
332. Aug 28, 1944, Riggins-New Meadows, Idaho
333. Aug. 29, 1944 - McCall - No Business LO, Idaho. and Payette river.
334. Aug. 30, 1944, Banks, Idaho,
335. Sept. 2, 1944 ¢ Mtn. Home, AAB to Snake R., Idaho.
336. Sept. 19, 1944, Mtn. Home Reservoir, and return.
337. Oct. 10, 1944, King Hill to Glenns Ferry, Idaho.
338. Oct 13, 1944, Mtn. Home Reservoir, Idaho
339. Oct. 17, 1944, Hagerman Valley, along Snake r. Idaho.
340. Oct. 20, 1944, Snowville, Utah.
341. Nov. 3, 1944 - Santa Ana River, Arlington, RIVERSIDE CO. California.
342. Nov. 5, 1944 - Lake Elsinore, Elsinore, RIVERSIDE CO. California.
343. Nov. 6, 1944 - SantaAna River, Arlington, RIVERSIDE CO. California.
344. Nov. 7, 1944 - Mockingbird Canyon to Arlington, RIVERSIDE CO. California.

+ ********** Outside the United States from Nov. 9, 1944 to Dec. 18, 1945. × See Oceanic, China & India Notes + next 3 pages

345. Dec. 18, 1945, Camp Kilmer, New Brunswick, New Jersey
346. Dec. 22, 1945, Washington National Airport, Washington D. C.
347. Dec. 23, 1945 , San Rafael, MARIN CO. California
348. Dec. 25, 1945, Woodburn, Oregon
349. Dec. 29, 1945, Portland, PittockBird Sanctuary.
350. Jan. 1, 1946, Woodburn, Oregon
351. Jan. 5, 1946, Pudding river, and Van Cleaves, Woodburn, Ore.
352. Jan. 10, 1946, Salem to Woodburn,on back river road.
353. Jan. 13, 1946 - Woodburn, Oregon, home,

OVERSEAS
TRAVEL LOCATIONS

Fred G. Evenden, Jr.

1944:

November 10 - San Pedro, Calif. to sea.

November 12 - 1,800 miles out of San Francisco

November 15 - 2,500 miles out of San Francisco

November 17 - 5°N and 167°W

November 18 - Crossed EQUATOR at 171°W near Howland & Baker Islands at 0730 (1130PWT).

November 23 - this date skipped as we crossed the International Dateline.

November 24 - North of Norfolk Island

November 25 - Off southeastern Australia.

November 26 - Passed through the Bass Straits, and arrived at Melbourne, Australia about 330 p.m.

November 28 - Departed Melbourne, Australia and 145°E & 38°S.

November 29 - 500 miles west of Melbourne, Australia.

November 30 - In the Australian Bight

December 1 - Off Albany and Perth, Western Australia (Southwestern corner).

December 2 - 500 miles WNW of southwestern peninsula of Australia.

December 3 - Off western Australia.

December 4 - In Indian Ocean at about 30° S latitude

December 6 - 10° to 5° S in the Indian Ocean.

December 7 - Crossed the equator in Indian Ocean at 1130 PWT , east of the Laccadive Islands between 3°S and 3°N.

December 9 - WSW of Ceylon

December 10 - Off western coast of peninsular India.

December 11 - Arrived in Bombay, India at about 3 p.m. (0130 PWT).

December 15 - Left Bombay, passing via RR through Nakika, Devali, Mannad, Karla, Kasara, Naydoncri, Igtpuri, Ugaon, Panjhan, Chalisgaon & Jalgaon.

December 16 - On RR passed through Tuljapur, Pulgaon, Gondia, Paunar, Sindi, Bhandar Road, Nagpur, Amgaon, Tunsar Road, Wardha, Khapri.

December 17 - On RR passed thru Bhupdeopurt, Sakti, Raigarh, Baraduar, Ib, & Khhansbal.

December 18 - Chenqail, Sankrail, Khargpur , Bagnan and arrived at Calcutta to staging area at Camp Kanchrapara, India.

Overseas Travel Locations - Fred G. [illegible], Jr. page [illegible].

1945:

January 10 - Departed Kanchrapara, Calcutta, India by RR. for Assam, crossing the Brahmaputra by paddle-wheel river boat in the moonlight.
January 11 - By RR passed through Rhanaghat and Ishiudi.
January 12 - Arrived at Shamshernagar, Assam, India, 1347th AAFBU, Wx. Sta. 151, 10th Wx. Sq.

Trips from this permanent station included:

February 21 - Sylhet and Kusiyara, Assam. By jeep

April 17 - Lungla Valley, Assam. By jeep

July 5-6 - Calcutta by air

July 7-8- 9 - Agra and the Taj Mahal, by air
Stopped at Gaya, and flew over Benares Cantonment.
July 10 - Agra to Kasganj. By rail.

July 11 - Kathgodam to Ranikhet, United Provinces. By bus.

July 11-24 - Ranikhet Rest Camp #7.

July 17 - Naini Tal, United Provinces , By truck

July 22 - Almora, United Provinces. By bus.

July 25 - Kathgodam to Bareilly by RR.

July 2 6 - Arrived in Agra at 530 a.m. and watched Orion and

the sun both rise over old Fort Agra that a.m. Returned to Calcutta in one plane this date, and in another plane finally reached Shamshernagar again.

October 3-4 - Weather Reconnaissance flight over the hump in a C54. Passed over Mandalay, Lashio, Szemao, ~~Luliang,/~~ and landed at Luliang and Kunming before return flight over Bhamo, Imphal, Sham. and landing at Calcutta and bac k to our Sham.base.

October 17 - Arrived in Calcutta for TDY after closing base at Shamshernagar.

November 3 - Arrived in Karachi by air from Calcutta on way back to States. In flight we passed over Agra, Jodpur and Jaipur.

Overseas Travel Locations - Fred G.Evenden, Jr. page 3.

1945

November 25 - Left Karachi Harbor, Sind, India and by night reached 65°E & $23\frac{1}{2}^{\circ}$N. (The following locations are at the close of the day).SW of Karachi.

November 26 - to $59^{\circ}42'$E & $19^{\circ}23'$N (at 1645) - SE of Muscat, Oman, Arabia.

November 27 - to $53\frac{1}{2}^{\circ}$E & $14\frac{1}{2}^{\circ}$N - SE of Saihut, Aden.

November 28 - to 45°E& $12\frac{1}{2}^{\circ}$N - due south of Aden, Aden.

November 29 - to $41\frac{1}{2}^{\circ}$E & $16\frac{1}{2}$N - ENE of Massaua, Eritrea.

November 30 - to $38\frac{1}{2}^{\circ}$E & 20°N - SE of Mecca and ENE of Port Sudan, Angle-Egyptian Sudan.

December 1 - to 34°E & $27\frac{1}{2}^{\circ}$N - Off Sinai Peninsula and Gulf of Suez.

December 2 - to $32\frac{1}{2}^{\circ}$E & $31\frac{1}{2}^{\circ}$N - Suez thru Suez Canal, arriving at Port Said, Egypt in the late afternoon.

December 3 - to $30\frac{1}{4}^{\circ}$E & 33°N - Departed Port Said at 10 a.m., ended near SWof Cyprus.

December 4 - to 23oE & $34\frac{1}{2}^{\circ}$N - passed 60 miles S of Crete, and ended SSW of it.

December 5 - to 14°E & $36\frac{1}{2}^{\circ}$N Between Sicily and Malta.

December 6 - to $5\frac{1}{2}^{\circ}$E & $37\frac{1}{2}^{\circ}$N - Passed near Cape Bon & Bizerte, Tunisia, and ended SW of Sardinia.

December 7 - to $\frac{1}{2}^{\circ}$E & 37°N - NW of Alger, Algeria.(40& miles offshore).

December 8 - to 6°W & 36°N - Passed along south coast of Spain, and the Sierra Nevada Range in Malaga was clearly visible even tho 50-70 miles inland. In late afternoon we passed the Rock of Gibraltar and as twilight approached we passed the town of Tangier on the north coast of Africa.

D

December 9 - to 16°W & $37\frac{1}{2}^{\circ}$N - 400 miles west of Straits of Gibraltar.

December 10 - to 25°W & $38\frac{1}{2}^{\circ}$N -

December 11 - to $35\frac{1}{2}^{\circ}$W & $39\frac{1}{2}^{\circ}$ N -

December 12 - to 43°W & $40\frac{1}{2}^{\circ}$N -

December 13 - to $46\frac{1}{2}^{\circ}$W & $41\frac{1}{2}^{\circ}$N -

December 14 - to 52°W & 43°N -

December 15 - to 57°W & $42\frac{1}{2}^{\circ}$N

185

December 16 - to $64^{\circ}29'$ W & $40^{\circ}17'$N -

December 17 - to 74°W & $40\frac{1}{2}^{\circ}$N - Off Cape Cod, past Coney Island and the Statue of Liberty to New York City Harbor, Pier 43.

354. Jan. 20, 1946, Woodburn, Oregon, our yard.
355. Jan. 23, 1946, East, Moreland, Portland, Oregon
356. Jan. 25, 27, 1946, Woodburn, Payzants, and home.
357. Feb. 1, 1946, Woodburn, Oregon.
358. Feb. 13, 1946, Albany-Corvallis, Oregon.
359. Feb. 15, 1946, Woodburn, Oregon.
360. Feb. 18, 1946, Woodburn to Salem and return.
361. Feb. 25, 1946, Woodburn,
362. March 1, 1946, Pudding River, Woodburn,
363. March 7, 1946, Woodburn.
364. Mar. 9, 1946, Corvallis to Otis Junction, Oregon
365. Otis Junction to Kernville and Taft, Oregon
366. Mar. 10, 1946 Nelscott, Newport and Yaquina Bay.
367. Mar. 16, 1946, Brook Lane, Mary's River, and S. Cemetery Hill, Corvallis.
368. Mar. 17, 1946, Corvallis,
369. Mar. 19, 1946, Corvallis, Gravel Pits, Mary's R., and Avery Park.
370. Mar. 20, 1946, Corvallis,-McFadden Swamp, Bellfountain-Philomath, Rock Erk.
371. Mar. 27, 1946, Woodburn, Oregon
372. Mar. 30, Apr. 1, 1946, Woodburn, and Corvallis, Oregon.
373. Apr. 5, 1946, Corvallis, Oregon.
374. Apr. 6, 1946, Corvallis, Oak Creek and Baldy Mtn.
375. Apr. 6, 1946, Corvallis-Philomath-Wren- Woods Creek.
376. Apr. 11, 1946, Corvallis, Brook Lane and Dixon Creek Ridge.
377. Apr. 13, 1946, Coast Range, 5 miles west of Philomath
378. Apr. 14, 1946, Corvallis to Dixon Creek and Return.
379. Apr. 15, 17, 1946, Corvallis, & Calapooya R., Linn Co.
380. Apr. 18, 1946, Dixon Creek, North of Corvallis
381. Apr. 19, 1946, Nash Lake, Yaquina R., headwaters.
382. Apr. 20, 1946, North Fork Silver Creek headwaters.
383. Apr. 21, 1946, Woodburn, Ore., home.
384. Apr. 24, 1946, McFadden Swamp, 12 miles south of Corvallis,
385. Apr. 25, 1946, Dixon Creek ridge, North of Corvallis.
386. Apr. 26, 1946, Mary's R., between Corvallis and Philomath
387. May 3, 1946, Brook Lane, Corvallis
388. May 9, 1946, Peoria Ferry Road, 2 miles south of Owl Creek
389. May 10, 1946, Corvallis
390. May 12, 14, 1946, Corvallis, Harrison St.
391. May 16, 17, 1946, Corvallis, Campus
392. May 17, 1946, Alsea Fish Hatchery. BentonCo.
393. May 18, 1946, MacDonald Forest, Lewisburg
394. May 18, 1946, South Santiam Hiway.
395. May 19, 1946, Corvallis, Willamette R., and Oak Creek.
396. May 22, 1946, 12-mile Swamp, Mac Fadden's
397. May 23, 1946, Corvallis, Willamette R.
398. May 24, 1946, Kiger Island, SE of Corvallis
399. May 25, 1946, Peoria Ferry, Benton Co.
400. May 25, 1946, south of ~~Brownsville~~ [illegible], near Ferguson.
401. June 1, 1946, Mary's Peak to the top, and vicinity
402. June 3, 7, 1946, Corvallis, and Woodburn, Oregon
403. June 13, 14, 1946.N.Santiam R. from Niagara to Detroit, and Breitenbush Springs
404. June 24, 1946, Finney & Eagan Lakes, and Wheatland Ferry
405. June 26, 29, 1946, Pudding R., Woodburn, Ore.
406. July 1, 1946, Stewart L, Corvallis.
407. July 4, 1946, Poison Oak L, Linn Co., east of Corvallis.
408. July 7, 9, 1946, Abiqua and Silver Creeks,
409. July 12, 1946, Sidney Power Ditch, north of Talbot
410. July 13, 1946, Croison Gulch SW of Salem.
411. July 17, 18, 1946, Poison Oak Lake, Linn Co.
412. July 18, 1946, Stewart L, Corvallis.
413. July 20-25, 1946, Poison Oak, and Stewart Lakes, Corvallis.
414. July 27, 1946, Oregon State College Campus
415. July 29, 1946, Drift Creek Canyon, Marion Co.

416. August 1, 2, 1946, Stewart & Poison Oak Lakes, Corvallis
417. August 5, 1946, Camp Pioneer, Linn Co.
418. August 6, 1946, Temple and Davis Lakes, Linn Co.
419. August 7, 1946, Camp Pioneer, Linn Co.
420. August 9, 1946, Red Butte Lake, Linn Co.
421. August 9, 1946, Jorn Lake, Linn Co.
422. August 10, 11, 1946. Camp Pioneer and Marion Forks-Santiam Hiway.
423. August 12, 1946, Indian Ford, Deschutes Co., 4340' elev.
424. August 13, 1946, Deep Canyon, Deschutes Co. and Redmond to Prineville.
425. August 13, 14, 1946, Mill Creek, Wildcat Camp, Crook Co., 4000' elev.
426. August 15, 1946, Wildwood Camp, Ochoco Hiway, Wheeler Co. 4900' elev.
427. August 15, 1946, Camp Wildwood to Prineville,
428. August 15, 1946, South Santiam River, Cascadia to Sweet Home
429. August 16, 1946, Poison Oak, and Stewart Lakes, Corvallis.
430. August 19, 1946, Corvallis (Fern Ridge)
431. August 21, 1946, Poison Oak Lake, Corvallis.
432. August 21, 1946, Avery Park, Corvallis.
433. August 22, 1946, Stewart Lake, Corvallis.
434. August 24, 1946, MacFadden 12-mile Swamp, Corvallis.
435. August 25, 1946, Avery Park, and S. Cemetery Hill, Corvallis.
436. August 26, 1946, Poison Oak, and Stewart Lakes, Corvallis.
437. August 31, 1946, Pudding R., Woodburn Oregon.
438. Sept. 3, 1946, Woodburn to Portland, Ore.
439. Sept. 4, 1946, Albany and Corvallis, Ore.
440. Sept. 5, 1946, Corvallis, Ore.
441. Sept. 5, 1946, Yaquina Bay, Newport, and Depoe Bay,
442. Sept. 5, 1946, Taft Bay
443. Sept 6, 1946, Killam Creek, Tillamook Co.
444. Sept 6, 1946, Nehalem R., at Hamlet, Clatsop Co.
445. Sept. 6, 1946, Wolf Creek Junction and Seaside.
446. Sept. 7, 1946, Ecola Park, Short-sand Creek, and Arch Cape,, Oregon.
447. Sept. 7, 1946, Humbug Creek, Oswego Creek, and Quartz Creek, Clatsop Co.
448. Sept. 8, 1946, Banks, Washington Co.
449. Sept. 9, 1946, Salem, Oregon.
450. Sept. 11, 1946, Poison Oak Lake, Linn Co., Stewart L., Benton Co., Avery Park
451. Sept. 17, 1946, Avery Park, Corvallis, Oregon.
452. Sept 18, 1946, Avery Park Corvallis, Oregon
453. Sept. 19, 1946, Poison Oak Lake, Stewart Lake, and Corvallis.
454. Sept 22, 1946, Champoeg Oregon, 4 p.m.
455. Sept. 24, 1946, Woodburn, Oregon
456. Sept. 24-25, 1946, Kelso and Woodland Washington.
457. Sept. 29, 1946, Poison Oak, and Stewart Lakes, Corvallis.
458. Oct. 7, 8, 1946, Corvallis, Oregon.
459. Oct. 10, 1946, Corvallis, OSC Campus
460. Oct. 15, 1946, Corvallis, Stewart Lake
461. Oct. 18, 1946, Albany, Oregon.
462. Oct. 20, 1946, Corvallis, 410 N. 16th.
463. Oct. 29, 1946, Corvallis, Avery Park, Oregon.
464. Oct. 30, 1946, Peoria Ferry, and En route.
465. Nov. 2, 1946, MacDonald Forest, Lewisburg
466. Nov. 3, 1946, Corvallis, Stewart Lake.
467. Nov. 11, 1946, Corvallis, Poison Oak, and Stewart Lakes.
468. Nov. 19, 1946, Corvallis, Poison Oak, and Stewart Lakes.
469. Nov. 27, 1946, Corvallis, Stewart Lake.
470. Nov. 28, 1946, Mt. Angel, and Abiqua Creek, Marion Co., Oregon.
471. Nov. 30, 1946, Woodburn - Mt. Angel, Pudding River Bottoms.
472. Dec. 9, 1946, Corvallis, Oregon
473. Dec. 14, 1946, Woodburn, Oregon
474. Dec. 24, 1946, Woodburn, Oregon.
475. Dec. 24, 1946, Clear Lake, Goose Lake, Gervais, Oregon.
476. Dec. 29, 1946, Woodburn City Park, Oregon.

477. Jan. 2, 1947, Corvallis, Stewart Lake, Oregon
478. Jan. 4, 1947, Wells Creek, and Mary's Peak, Benton Co., Oregon
479. Jan. 8, 1947, O.S.C. Poultry Bldg.
480. Jan. 11, 1947, Corvallis, Brook Lane., and S. Cemetery Hill.
481. Jan. 14, 1947, 12-mile Swamp, near Bruce Station Benton Co, Oregon.
482. Jan. 14, 1947, 12-mile Swamp to Peoria Ferry.
483. Jan. 16, 1947, Poison Oak Lake, Linn Co, 4 miles east of Corvallis, Oregon.
484. Jan. 21, 1947, Oak Grove south of Philomath Oregon, near Independence School, too.
485. Jan. 21, 1947, Beaver Creek School to Bruce (12-mile Swamp) via Bellfountain.
486. Jan. 21, 1947, 12-mile Swamp, Benton Co.
487. Jan. 23, 1947, Stewart Lake, 1½ miles N. of Corvallis
488. Jan. 25, 1947, Eckman Slough Waldport, and Lint Slough, Waldport, Oregon
489. Jan. 25, 1947, Yachats River and Bay, Oregon
490. Jan. 25, 1947, Yaquina Bay, south side, Newport, Oregon.
491. Jan. 27, 1947, Jack's Bridge, Butte Creek, near Marquam. Oak knoll, Thomas Sch.
492. Jan. 28, 1947, Hubbard Mineral Springs, Oregon
493. Jan. 29, 1947, 12-mile Swamp, Corvallis.
494. Feb. 1, 1947, Calapooya, R., and Owl Creek, Linn Co, east of Corvallis.
495. Feb. 2, 1947, N. Cemetery Hill, Corvallis.
496. Feb. 4, 1947, 12-mile Swamp, Corvallis
497. Feb. 6, 1947, Stewart Lake, Benton Co.
498. Feb. 6, 1947, Dixon Creek Ridge and N. Cemetery Hill, Corvallis.
499. Feb. 8, 1947, Oak Creek, 2 miles west of Corvallis
500. Feb. 10, 1947, Oak Creek Pond, near O.S.C. Dairy Barn, Corvallis
501. Feb. 11, 1947, 12-mile Swamp, Bruce, Benton Co.,
502. Feb. 15, 1947, Woodburn,, Oregon , and Pudding River, and West Woodburn, Ore.
503. Feb. 17, 1947, Corvallis, Stewart Lake.
504. Feb. 17, 1947, O.S.C. Campus and Avery Park, Corvallis.
505. Feb. 18, 1947, Greenberry, Benton Co., and Little Muddy Creek, Benton Col
506. Feb. 18, 1947, Oak-fir Belt in foothils between Beaver Cr. and Bellfountain, Ore.
507. Feb. 18, 1947, 12-mile Swamp, Bruce Station.
508. Feb. 20, 1947, Corvallis, Oak Creek, along Railroad tracks.
509. Feb. 20, 1947, 12-mile Swamp, Bruce.
509a. Feb. 22, 1947, Corvallis, 410 N. 16th.
510. Feb. 23, 1947, Suttle Lake, Deschutes Co, Oreg, by Dr. K. L. Gordon
511. Feb. 25, 1947, 12-mile Swamp, Bruce.
512. Feb. 25, 1947, Oak-fir hills 3 miles west of 12-mile Swamp, Bruce.
513. Feb. 27, 1947, Poison Oak Lake, Linn Co, 4½ miles eastof Corvallis.
514. Feb. 28, 1947, 12-mile Swamp
515. Feb. 28, 1947, Monroe-Fern Ridge Dam, Lane Co, Oregon.
516. Mar. 1, 1947, Stewart Lake, Benton Co. and Dixon Creek Ridge.
517. Mar.3, 1947, ~~12-mile Swamp, Bruce Station~~. O. S. C. Sheepbarn, Corvallis.
518. Mar. 4, 1947, 12-mile Swamp, Bruce Station.
519. Mar. 6, 1947, Woodburn - Broadacres - St. Paul, Oregon
520. Mar. 7, 1947, Salem to Corvallis
521. Mar. 8, 1947, Alsea Fish Hatchery, Benton Co.
522. Mar. 11, 1947, Avery Park, 12-mile Swamp, and Oak-fir ridge west of swamp.
523. Mar. 12, 1947, Stewart L, Benton Co, and Poison Oak Lake, Linn Co.
524. Mar. 13, 1947, Corvallis, and South Cemetery Hill, and Brook Lane.
525. Mar.19-20,1947, 12-mile Swamp by Dave Marsh and Tom McCallister, in my absence.
526. Mar. 15, 1947, Davis YOLO CO. Jct. to Sacramento, Calif.
527. Mar. 15, 1947, Sacramento - Stockton, SAN JOAQUIN CO. Calif.
528. March 15 1947, Stockton - Modesto, STANISLAUS Calif.
529. Mar. 15, 1947, Modesto-Fresno, Calif.
530. Mar. 16, 1947, Bakersfield, KERN Calif.
531. Mar. 16, 1947, Bakersfield to Clear Creek Sta KERN CO. on U.S. 466, and Clear Creek
Summit, on U. S. 466, 3500' elev.
532. Mar. 16, 1947, Keene-Tehachapi, KERN CO. on U. S. 466, and Monolith to Mojave, KERN CO. Calif.
533. Mar. 16, 1947, Mojave to Barstow, Calif. SAN BERNARDINO CO.
534. Mar. 17, 1947, Parker Arizona YUMA CO.
535. Mar. 17, 1947, Colo. R. Indian Res. Agency, SW of Parker, Ariz. YUMA CO.

536. Mar. 17, 1947, Earp to Vidal Junct., Calif. SAN BERNARDINO CO.
537. Mar. 17, 1947, Needles Landing Jct. to Needles Landing, Calif.
538. Mar. 17, 1947, Needles Landing, Havasu Lake, Calif.
539. Mar. 17, 1947, Needles Landing to Parker Dam, Calif (via Whipple Mtn Road).
540. Mar. 17, 1947, Parker Dam to Earp, Calif.
541. Mar. 18, 1947, Earp to Parker Dam, Calif.
542. Mar. 18, 1947, Parker Dam, Havasu L. to head of Bill Williams R. Arm,
  Yuma-Mojave Co, Arizona.
543. Mar. 18, 1947, Bill Williams River Delta, Mojave-Yuma Cos, Arizona.
544. Mar. 19, 1947, Parker Arizona, YUMA CO. and Earp to Parker Dam, SAN BERDU CO. Calif.
545. Mar. 19, 1947, Lake Havasu, Parker Dam SAN BERDU CO. to Topock, Arizona MOJAVE CO.
546. Mar. 20, 1947, Colo. R. Indian Res., Parker to Duck Slough, YUMA CO. Ariz.
547. Mar. 20, 1947, Colo. R. Indian Res Duck Slough 12 mi WSW of Parker, Arizona YUMA CO.
548. Mar. 20, 1947, Cienega Springs, 5 miles NE of Parker, Ariz. YUMA CO.
549. Mar. 20, 1947, Cienega Springs to Parker, Arizona YUMA CO.
550. Mar. 21, 1947, Parker to Bouse, Arizona YUMA CO.
551. Mar. 21, 1947, Bouse to Summit of Quartzville Road, Plomosa Mtns, YUMA CO. 11 mi. SW, Ariz.
552. Mar. 21, 1947, N. Foothills of Plomosa Mtns, 9 mi SW of Bouse, Arizona. YUMA CO.
553. Mar. 21, 1947, Earp SAN BERDU CO. to Desert Center, RIVERSIDE CO. California.
554. Mar. 22, 1947, ½ mile NW of Granite Well at N. base of Chuckawalla Mtns, Calif. RIVERSIDE CO.
555. Mar. 22, 1947, Monsen Canyon, near Shaver Summit, Calif. & Shaver Sum to Mecca. RIVERSIDE CO.
556. Mar. 22, 1947, Mecca to Thermal and Thermal to Indio, Calif. RIVERSIDE CO.
557. Mar. 22, 1947, Indio to 1000 Palm Canyon, Calif. RIVERSIDE CO.
558. Mar. 23, 1947, Upper Coachella Valley, Calif. (near Palm Springs). RIVERSIDE CO.
559. Mar. 23, 1947, San Bernardino Co. Line to Yucca Valley, SAN BERDU CO. Calif.
560. Mar. 23, 1947, Joshua Tree National Monument, Calif. SAN BERDU CO.
561. Mar. 24, 1947, Joshua Tree Nat. Mon, Calif. SAN BERDU CO.
562. Mar. 24, 1947, Lower Morongo Dry Canyon, 1 mi S of Riverside-San Berdu Co Line.
563. Mar. 24, 1947, Riverside and Loma Linda, Calif. RIVERSIDE CO.
564. Mar. 25, 1947, Manteca SAN JOAQUIN CO. to Oakland, ALAMEDA CO. California.
565. Mar. 26, 1947, Lake Anza, Tilden Park Hills, ALAMEDA CO. Berkeley, Calif.
566. Mar. 26, 1947, Ecola State Park, Tillamook Co, Oregon by Tom McCallister.
  Neahkahnie Mtn, Clatsop Co., Lake Lytle, Tillamook Bay, Netarts Bay.
567. Mar. 27, 1947, Netarts Bay, Cape Lookout, Tillamook Co, Oregon, Tom McCallister
568. Mar. 28, 1947, Manzanita Beach and Cape Falcon, Till. Co, Oreg, Tom McCallister
569. Mar. 27, 1947, Hayward ALAMEDA CO. Calif., and Dumbarton Bridge, Lower San Fran Bay, Calif.
570. Mar. 27, 1947, Palo Alto, SANTA CLARA CO. Calif.
571. Mar. 27, 1947, Golden-Gate Park, San Francisco, Calif.
572. Mar. 28, 1947, Berkeley to San Rafael, MARIN CO. Calif.
573. Mar. 28, 1947, San Rafael MARIN CO. to Sebastopol, SONOMA CO. Calif.
574. Mar. 28, 1947, Summer Home Park, 3½ miles NW of Forestville, Sonoma Co, Calif.,
~~574a. Mar. 3, 1947~~ on the Russian River, Elev. 60-70 feet.
574a. Mar. 30, 1947, Williams, California, COLUSA CO.
575. Apr. 1, 1947, Corvallis, Oregon
576. Apr. 1, 1947, 12-mile Swamp, Bruce State, south of Corvallis.
577. Apr. 2, 1947, Corvallis, Oregon
578. Apr. 3, 1947, Stewart Lake, and Corvallis, Oregon
579. Apr. 4, 1947, Amity, and Newberg, Oregon
580. Apr. 5, 1947, Leadbetters Penin., near confluence Willamette-Columbia Rivers, Ore
581. Apr. 5, 1947, New Era, Clackamas, Oregon.
582. Apr. 7, 1947, OSC Campus, Corvallis, Ore.
583. Apr. 8, 1947, 12-mile Swamp
584. Apr. 8, 1947, Oak-fir belt, 3 miles west of 12-miles swamp, Oregon
585. Apr. 9, 1947, Corvallis to Poison Oak L., Linn Co. Oregon
586. Apr. 9, 1947, Poison Oak Lake, Linn Co, 4 mi east of Corvallis., Oregon
587. Apr. 10, 1947, N. Cemetery Hill, Corvallis.
588. Apr. 11, 1947, Lewisburg, Benton Co, Oregon
589. Apr. 12, 1947, Woodburn, Pudding River, Oregon
590. Apr. 12, 1947, Butte Creek Grove, 1½ miles S of Monitor, Oregon

591.	Apr. 12, 1947,	Crrooked Finger Ridge Pond, and Milk Rank-Abiqua Camp area, Ore.
592.	Apr. 12, 1947,	Mt. Angel, Oregon
593.	Apr. 13, 1947,	Woodburn, Oregon, home.
594.	Apr. 15, 1947,	Corvallis, OSC Campus - Brook Lane, and Mary's River.
595.	Apr. 15, 1947,	12-mile Swamp, Bruce Station, south of Corvallis, Oregon
596.	Apr. 15, 1947,	Oak fir belt, 3 miles west of 12-mile swamp.
597.	Apr. 16, 1947,	OSC Campus, Corvallis
598.	Apr. 17, 1947,	South MacDonald Forest Ridge, north of Corvallis.
599.	Apr. 18, 1947,	OSC Campus, Corvallis, Oregon
600.	Apr. 20, 1947,	Corvallis, Oregon
601.	Apr. 21, 1947,	Corvallis, Avery Park
602.	Apr. 22, 1947,	12-mile Swamp.
603.	Apr. 22, 1947,	Corvallis, Avery Park
604.	Apr. 24, 1947,	Corvallis to and including "Poison Oak" Lake.
605.	Apr. 24, 1947,	MacDonald Forest, Benton Co, and OSC Campus, Oregon
606.	Apr. 25, 1947,	Coburg and Oakland to Sutherland, Oregon
607.	Apr. 26, 1947,	Rogue River between Agness and Illahe, Oregon, Curry Co.
608.	Apr. 26, 1947,	Coquille-Rogue R. Summit, Rock Creek, and Iron Mountain, at 4000', 6 mi. WNW of Illahe, Coos-Curry Co, Oregon
609.	Apr. 27, 1947,	N. Side Rogue River, Illahe to Clay Hills, Curry Col
610.	May 1, 1947	Stewart Lake, N. of Corvallis
611.	May 1, 1947	S. Spur, MacD onald Forest, N of Corvallis
612.	May 2, 1947	Woodburn, home, Oregon
613.	May 3, 1947	Pudding River, Woodburn, Oregon
614.	May 4, 1947	Poison Oak, Lake, Linn Co., 4 mi. E of Corvallis, Oregon
615.	May 5, 1947	Corvallis, Oregon
616.	May 6, 1947	12-mile Swamp, Bruce Sta., Benton Co.
617.	May 8, 1947	S. Spur, MacDonald Forest, N of Corvallis
618.	May 9, 1947	Corvallis, N. Cemetery Hill, and S. Cemetery Hill, Oregon.
619.	May 10, 1947	2 miles N of Corvallis, Oregon.
620.	May 12, 1947, May 13, 1947,	OSC Campus, and Stewart Lake, N of Corvallis, Oregon
621.	May 13, 1947	12-mile Swamp, Bruce Station, south of Corvallis, Oregon
622.	May 14, 1947	Corvallis, OSC Campus
623.	May 15, 1947	S. Spur, MacDonald Forest, N of Corvallis
624.	May 16, 1947	Corvallis to Lebanon, Oregon
625.	May 16, 1947	Trout Creek, Snow Creek, Tombstone Prairie and Hoodoo Ski Lodge, Santiam Hiway, Oregon
626.	May 16, 1947	Indian Ford-Metolius River area, Oregon.
627.	May 17, 1947	Marion, Oregon, Miller's Butte area.
628.	May 18, 1947	Seal Rocks, Lincoln Co., Oregon
629.	May 19, 1947	"Poison Oak" Lake, Linn Co., Oregon
630.	May 20, 1947	12-mile Swamp, Bruce Station, Corvallis
631.	May 21, 1947	S. Spur, MacDonald Forest, N of Corvallis
632.	May 22, 1947	Corvallis to Cheshire, Lane Co, Oregon
633.	May 22, 1947	Cheshire to Noti Bog, Lane Co, Oregon
634.	May 22, 1947	Noti Bog, 5 mi. NW of Noti, Lane Co, Oregon
635.	May 24, 1947	S. Santiam River, Foster, Linn Co..Oregon
636.	May 24, 1947	S. Santiam River, Cascadia State Park, above Cascadis, Linn Co.
637.	May 24, 1947	Sheep Creek, S. Santiam Hiway,Linn Co.
638.	May 24, 1947	Peoria Ferry Road Marsh, 5 miles from Corvallis, in Linn Co.
639.	May 27, 1947	12-mile Swamp, Bruce Station, S of Corvallis.
640.	May 28, 1947	Corvallis, N. 27th Street,
641.	May 29, 1947	S. Spur, MacDonald Forest, N of Corvallis
642.	May 31, 1947	Milk Ranch, Abiqua Creek, Marion Co., Oregon
643.	May 31, 1947	Abiqua Creek, 2 miles below Abiqua Camp, near Hande's Cabin, Marion Co.
644.	June 1, 1947	Silverton to Stayton, Marion Co, Oregon
645.	June 5, 1947	Stewart Lake, 1½ miles N of Corvallis, Benton Co.
646.	June 7, 1947	12-mile Swamp, Bruce Station, south of Corvallis, Benton Co.

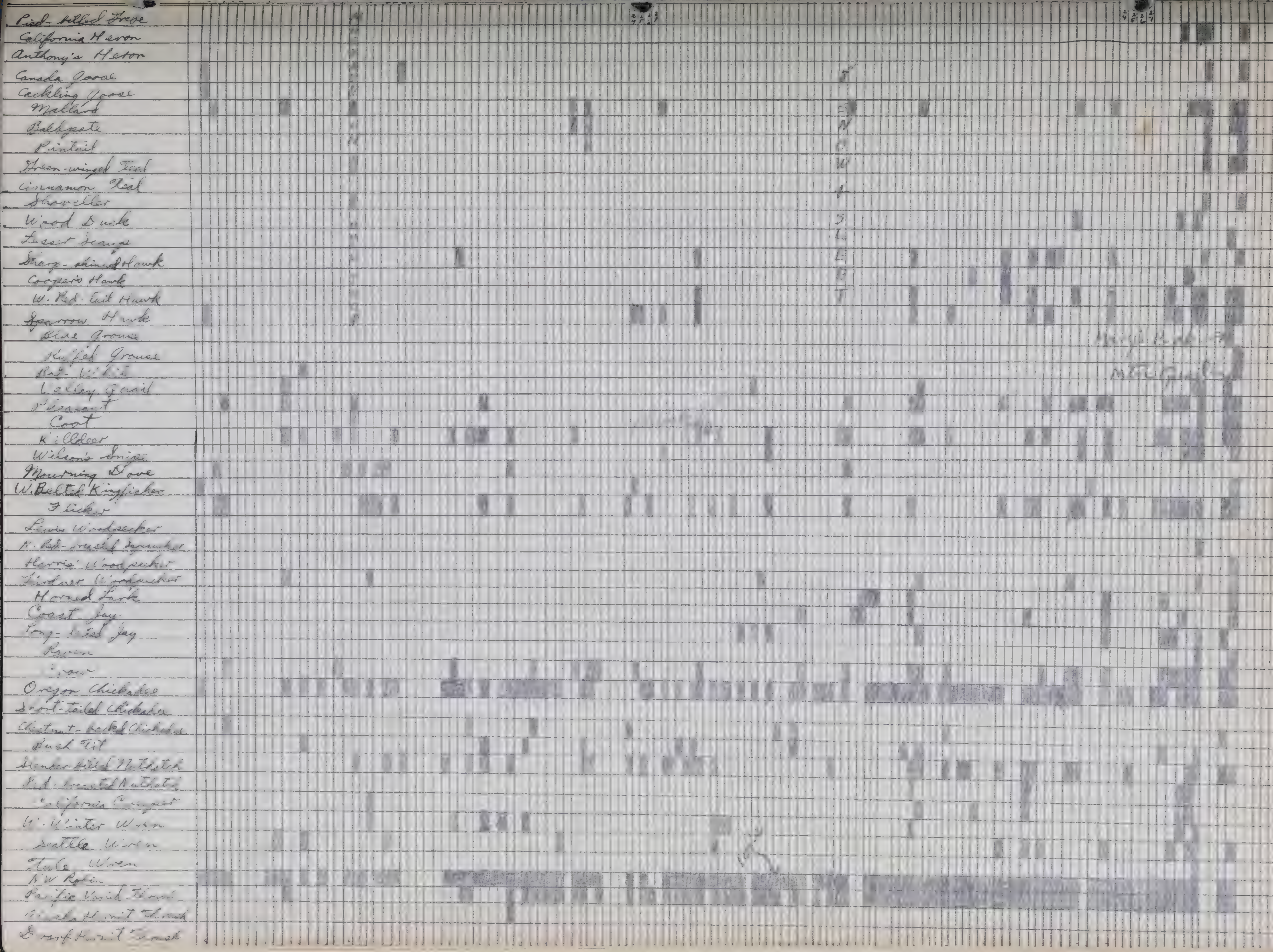
Evenden, Fred G

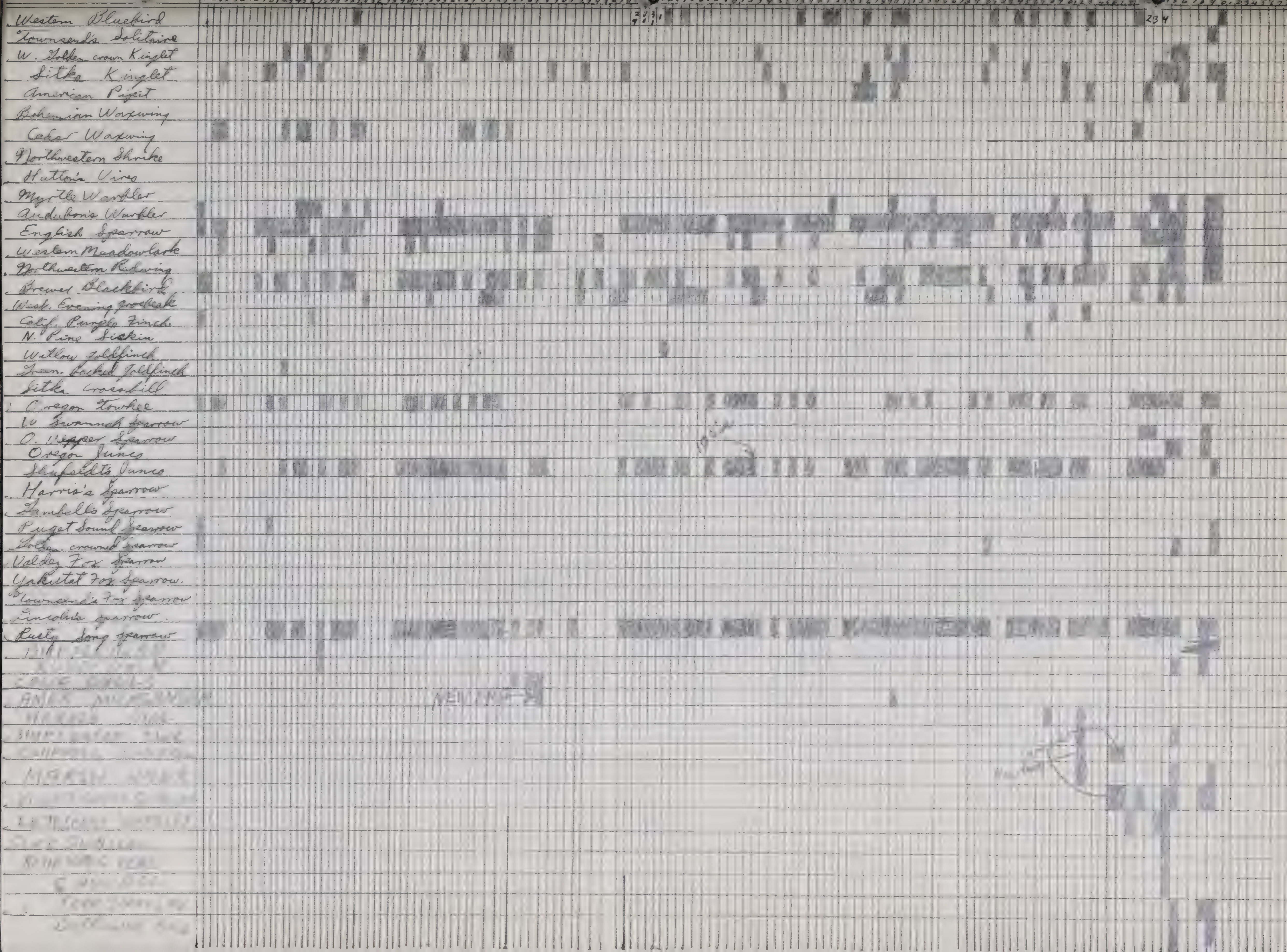
1940 – 1947

(early notes)

Anthony Green Heron
Blue Heron
[illegible]
Turkey Vulture
Sharp-shinned Hawk
Cooper's Hawk
Red-tailed Hawk
Sparrow Hawk
Bob-white
Valley Quail
Pheasant
Killdeer
Band-tailed Pigeon
Rock Dove
Mourning Dove
Barn Owl
Horned Owl
Nighthawk
Vaux's Swift
[illegible] Hummingbird
Kingfisher
Flicker
Red-breasted Sapsucker
Harris's Woodpecker
Gairdner's Woodpecker
Little Flycatcher
Wood Pewee
Olive-sided Flycatcher
Violet-green Swallow
Bank "
Barn "
Cliff "
Rough-winged "
Coast Jay
Long-tail Jay,
Crow
Oregon Chickadee
Slender-billed Nuthatch
Red-breasted "
[illegible]
Seattle Wren
Robin
Russet-backed Thrush
Western Bluebird
Ruby-crowned Kinglet
Golden " "
Cedar Waxwing
Cassin's Vireo
[illegible] Warbler
Yellow Warbler
Audubon Warbler

Blk. throated [illegible] Warbler
MacGillivray Warbler
Pacific Yellowthroat
Long-tailed Chat
Pileolated Warbler
English Sparrow
W. Meadowlark
Redwing
Brewer Blackbird
Western Tanager
Black-headed Grosbeak
Lazuli Bunting
W. Evening Grosbeak
Cal. Purple Finch
House Finch
Pine Siskin
[illegible] Goldfinch
Green-backed Goldfinch
[illegible] Towhee
[illegible] Sparrow
[illegible]
[illegible] Sparrow
[illegible]
Chipping Sparrow
W. [illegible] Sparrow
[illegible] crowned Sparrow
[illegible] Sparrow
[illegible] Sparrow
[illegible] Sparrow
[illegible] Lark


Pied-billed Grebe
California Heron
Anthony's Heron
Canada Goose
Cackling Goose
Mallard
Baldpate
Pintail
Green-winged Teal
Cinnamon Teal
Shoveller
Wood Duck
Lesser Scaup
Sharp-shinned Hawk
Cooper's Hawk
W. Red-tail Hawk
Sparrow Hawk
Blue Grouse
Ruffed Grouse
Bob-White
Valley Quail
Pheasant
Coot
Killdeer
Wilson's Snipe
Mourning Dove
W. Belted Kingfisher
Flicker
Lewis Woodpecker
N. Red-breasted Sapsucker
Harris' Woodpecker
Gairdner Woodpecker
Horned Lark
Coast Jay
Long-tailed Jay
Raven
Crow
Oregon Chickadee
Short-tailed Chickadee
Chestnut-backed Chickadee
Bush Tit
Slender-billed Nuthatch
Red-breasted Nuthatch
California Creeper
W. Winter Wren
Seattle Wren
Tule Wren
NW Robin
Pacific Varied Thrush
Alaska Hermit Thrush
Dwarf Hermit Thrush
SNOW + SLEET


234
Western Bluebird
Townsend's Solitaire
W. Golden crown Kinglet
Sitka Kinglet
American Pipit
Bohemian Waxwing
Cedar Waxwing
Northwestern Shrike
Hutton's Vireo
Myrtle Warbler
Audubon's Warbler
English Sparrow
Western Meadowlark
Northwestern Redwing
Brewer Blackbird
West. Evening Grosbeak
Calif. Purple Finch
N. Pine Siskin
Willow Goldfinch
Green-backed Goldfinch
Sitka Crossbill
Oregon Towhee
W. Savannah Sparrow
O. Vesper Sparrow
Oregon Junco
Shufeldt's Junco
Harris's Sparrow
Gambell's Sparrow
Puget Sound Sparrow
Golden crowned Sparrow
Valdez Fox Sparrow
Yakutat Fox Sparrow.
Townsend's Fox Sparrow
Lincoln's Sparrow.
Rusty Song Sparrow

Fred J Evenden Jr.

Birds: Arrivals and Departures
Corvallis - Woodburn
OREGON

Species	1941								19 45 in India	1946		1947		1948		1949		1950		1951	
	First	Last	First	Last	First	Last	First	Last		First	Last	First	Last	First #Calif.#	Last #Calif.#	First	Last	First	Last	First	Last
CACKLING GEESE								Overseas		Apr. 5	Sept 5	(Aug 8) JAN. 21	(Aug. 29) Apr. 24	July 27	May 9						
Anthony's Green Heron Sept. 21, 1940	Apr. 26	Nov. 1 (coast)	April 18	Nov 5	~~Mar. 6~~	—				Mar. 19	Sept. 11	May 13	Sept. 18	Apr. 19	Aug 12						
[illegible]	May 15	—	Apr. 25					Oct. 10		—	—	May 13	Sept. 28	(Jan–Feb) Mar. 30	{July 27}						
YELLOW LEGS					Mar. 6.	—	—			Apr. 24	~~—~~	FEB. 25	(Aug 29) May 6	Mar. 9	#Oct. 23#						
Turkey Vulture	Mar. 11	Sept. 22	Mar. 27	Oct. 1	Mar. 10	(Apr. 11)	Dixie [illegible] Apr. 7	—		Mar. 17.	Sept. ~~22~~ 29	Mar. 7	(Oct 28) Oct 7.	Mar. 9	#Oct 23# (Aug 30)						
SORA RAIL										May 22	—	Apr. 15	Aug 29	May 1	#Oct 23#						
[illegible]	May 10	—	Apr. 25	—	Mar. 6	—	Jan. 15	—		Apr. 24	—	Apr. 8	Aug. 29 (Sept. 28)	(Feb.) Apr. 10	#Oct 23# {July 27}						
Band-tailed Pigeon	Mar. 19	—	Apr. 9 (Mar. 1 coast)	Sept. 9	Mar. 15	Sept 22 —?	May 20	—		May 18	Sept. 19	Feb. 18	Sept. 13	Apr. 5	{July 23} #Nov. 26#						
Pacific Nighthawk May 11, 1940 Sept. 16, 1940	June 1	(July 29)	June 20	Sept. 18	(Feb. 14) July 5	(Aug 1)	—			June 7	Sept. 19	June 7	Aug 31	June 1	Aug 18						
[illegible]	May 17	Sept. 21	May 5	Sept. 13	—	—	May 24	—		May 16	Sept. 19	May 3 - heard May 5 seen	Sept. 24	Apr. 25	Aug 18						
Rufous Hummingbird	Mar. 9	Sept. 17	Mar. 23	Sept. 17	(Feb. 9)(1) Mar. 12	(later 2) June 28	May 25	July 27		Mar. 19	Aug. 26	Mar. 12	Aug. 23	Mar. ~~25~~ 26	Aug 18						
Lewis Woodpecker July 17, 1940	May 10	Dec. 6(?)	May 6	Sept. 26	Feb. 21	—	—	Aug 30		Apr. 26	Sept. 3	Jan. 21		(May 1)	#Nov. 30# Aug 22						
[illegible] Flycatcher ([illegible] or Hammond) Aug. 7, 1940	May 18	Sept. 17	May 8	Sept. 12	(June 28)	Sept 18	May 24	—		Apr. 18	Sept. 18	May 3	Sept. 3	May 1	Aug 20						
Western Wood Pewee	May 17	(Aug. 5)	May 2	—	—	—	May 24	—		May 18	Sept. 18	May 3	(June 30)	May 1	Aug. 22						
Olive-sided Flycatcher June 27, 1940 July 17, 1940	—	—	May 13	(Aug. 10)	(June 28)	Aug. 1.	May 24	July 27		Apr. 6	Aug. 26	May 3	(Aug 7)	{Apr. 4} May 9	~~Aug~~ 20 #Oct 2#						
Violet-green Swallow Sept. 16, 1940	Feb. 20	Sept. 26	Mar. 21	Sept. 8	(Camas) Feb. 27 Mar. 2	(Aug 2)	(Mar. 14)	—		Mar. 1	Sept. 17	FEB. 25	Sept. 28	Mar. 7	{Aug 30}						
Barn Swallow	May 18	—	Apr. 25	(July 21)						Mar. 20	(June 14)	May 17	Sept. 9	{May 31st}	Aug 31						
TREE SWALLOW								July 30		Mar. 10	Sept. 5	Feb. 4	Sept. 28	Mar. 9	{July 27} #Oct 2#			Feb. 26 - Carleton [illegible]			
[illegible] Swallow	Apr. 21	Sept. 12	Apr. 25	Sept. 5	—	247	May 7	Mtn. Home Sept. 19		Apr. 26	Sept. 8	Apr. 22	Oct. 7	May 1 {Apr. 18}	Aug 30 #Oct 4#						
ROUGH-WINGED SWALLOW								(July 14)		Apr. 26	(May 24)	Apr. 8	Aug 23	Apr. 23	#Sept 25# July 28						
[illegible]	Apr. 27	(July 29)	Apr. 20	(Aug 23)	Mar. 5(1)	—				Apr. 17	Sept. 5	Apr. 8	Sept. 20	Apr. 4 (1)	July 29						
PURPLE MARTIN Aug. 7, 1940										May. 22	—	(May 9) (June 7)	Aug 8	Apr. 20	July 27						
Varied Thrush F = Oct. 13, 1940	Dec. 5	Apr. 20	Oct. 10 ~~Mar. 14~~	Mar. 14	Oct 8	Apr. 3 ~~Mar.~~		Mar. 15.		(Ecola Park) Sept. 7	Apr. 11 {nest May 12}	Oct. 5	Mar. 13	#Nov. 26# {Apr. 18}	Apr. 18						
Russet-backed Thrush Aug. 7, 1940	May 18	(Aug. 5)	May 13	Sept. 2	—	(Aug 2)	May 20	—		May 19	Sept. 6	May 4	Sept. 17	May 1	Aug 20						
American Pipit	Nov. 11	Mar. 17	Jan. 16 (1943)	Mar. 27	(Tacoma) Sept. 15	Mar. 23	~~Oct. 6~~	Mtn Home (May 21) ~~Apr. 17~~		Oct. 30	Mar 18	~~Sept.~~ Sept. 20	Apr. 22	#Oct. 2#	Apr. 14						
Cassin Vireo Sept. 16, 1940	Apr. 20	Sept. 21	Apr. 3	Sept. 20	Apr. 11	(Aug 2)	May 24			Apr. 14	Sept. 17	{Feb. 16} Apr. 12	Sept 18	{Apr. 17} Apr. 19	#Sept. 19# Aug 20						
Western Warbling Vireo Aug. 7, 1940	May 8	—	May 8	—	—	—				May 24	Aug. 25	May 12.	Aug. 29	May 9	Aug 20 #Sept. 26#						
CALAVERAS WARBLER												Apr. 9		(Apr. 21st)	Adams Jul. 21						
Lutescent Warbler Oct. 13, 1940	Mar. 16	Sept. 17	Apr. 4	Oct. 4	Mar. 1	—				Apr. 26	Sept. 17	Apr. 7	(June 30)	Apr. 4	Aug 18 #Sept. 25#						
Yellow Warbler	Apr. 20	(Aug. 5)	(Apr. 4 one)	Sept. 5	May 2	(June 28)	(Mtn. Home) May 3	(July 14)		Apr. 15	Aug. 26	Apr. 7	Aug 23 (Sept. 11)	May 1st	#Sept 8#						
Black-throated Gray Warbler	Apr. 27	(Aug. 5)	Apr. 19	Sept. 2 9-20(?)	May 2	(June 28)	Mar. 17	—		Apr. 24	Aug. 26	Apr. 22	Sept. 15	May 1st many Apr. 25	Aug 22						
MacGillivray's Warbler May 7, 1940	June 10	(Aug. 5)	Apr. 18	Aug. 29	—	—	May 20	—		Apr. 26	(June 24)	May 1	Aug 23	May 1st	#Sept. 10#						
Pacific Yellowthroat	Apr. 20	Sept. 11	Apr. 8	Aug. 23	May 2	—	Mtn Home May 17	—		Apr. 11	Aug. 24	(Mar 20 #) Apr. 8	Oct. 7	Apr. 13	#Oct. 30#						
Long-tailed Chat	Apr. 20		May 8	(July 21)		(June 28)	—	—		May 10	Aug. 25	May 6	Aug. 7	May 9	#Sept. 25#						
[illegible]	Apr. 21	—	May 8	(Aug. 15)	—	—	May 24	(July 14)		May 3	Sept. 7	{May 2} May 15	Sept. 3	(Aug. 25?) May 1st	(July 23)						
Western Tanager Sept. 21, 1940	May 10	(Aug. 5)	May 19 (May 16, not me)	Sept. 26	May 12	(Aug 1)	Mtn. Home May 12	Jul. 27		May 18	Sept. 18	May 3	Sept. 18	May 8	#Sept. 26#						
Black-headed Grosbeak May 7, 1940 Aug. 7, 1940	June 10	(Aug. 5)	May 23	(Aug. 17)	(June 28)	(Aug 2)	Mtn. Home May 17	—		May 18	Aug. 25	{May 3} May 13	Aug. 27	May 8	#Sept 5#						
[illegible]	June 25	(July 29)	May 8	Aug. 23	(June 28)	—	May 15	(July 2)		May 14	(June 29)	May 9	Aug. 20	May 8	Aug 20						
Oregon Vesper Sparrow	Feb. 27	(July 29)	Apr. 4	Oct. 3	Mar. 2	—	(Bennett Mtn.) Apr. 25	—		Apr. 17	Aug. 24	Mar. 13	Sept. 28	Apr. 25	Aug. 20						
[illegible] Sparrow	Apr. 6	(July 29)	Mar. 20	Sept. 19	Feb. (1) 23	Sept. 21	(Glenns Ferry Apr. 1)	July 21		Apr. 14	Sept. 11	Apr. 2	Sept. 15	Apr. 4	July 29						
EVENING GROSBEAKS	—			—		—				Apr. 1	May 28	Mar. 13 {25} Mar. 1 (1) (Sept. 18)	(May 3)	#Nov. 26#	July 8						

Passed
5-15-34

BIRD STUDY.
MERIT BADGE.

Birds personally observed and identified.

1. ~~Alaska Robin.~~ Varied Thrush
2. Western Robin.
3. Ruby-crowned Kinglet.
4. Oregon Chickadee.
5. Slender-billed Nuthatch.
6. Dipper.
7. Rufous Hummingbird.
8. ~~Tree~~ Swallow.
9. Cedar Waxwing.
10. Oregon Towhee (catbird).
11. Goldfinch.
12. Red-wing Blackbird.
13. Meadowlark.
14. Kingfisher.
15. Steller Jay.
16. Crow.
17. Magpie.
18. Camp Robber.
19. Red-shafted Flicker.
20. Red-breasted Sap-sucker.
21. Gardener Woodpecker.
22. Bobwhite.
23. Chinese Pheasant.
24. Mountain Quail.
25. California Quail.
26. Sooty Grouse.
27. Turtle Dove.
28. Killdeer.
29. Sandpiper.
30. Wilson Snipe.
31. Shikepole.
32. Sparrow Hawk.
33. Mallard Duck.
34. Junco.
35. Cow bird.
36. Bluebird.
37. Buzzard.
38. Blackbird.
39. Lutescent Warbler.
40. Wren.

List of most birds seen in one week.

1. Western Robin.
2. ~~Alaska Robin.~~ Varied Thrush
3. Red-shaftid Flicker.
4. Junco.
5. Ruby-crowned Kinglet.
6. Sparrow Hawk.
7. Bobwhite.
8. Wilson Snipe.
9. Killdeer.
10. Chickadee.
11. Song Sparrow.
12. Gairdner Woodpecker.
13. Northern Red-breasted Sapsucker.
14. English Sparrow.
15. Slender Billed Nuthatch.
16.
17.
18.
19.
20.

Birds that have visited my Food Tables.

1. English Sparrow.
2. Song Sparrow.
3. Junco.
4. [illegible]
5.
6.
7.
8.
9.
10.

Birds valuable to Agriculture in the destruction of insects.

1. Flicker.
2. Western Robin.
3. Varied Thrush.
4. Junco.
5. Bobwhite.
6. California Quail.
7. Mountain Quail.
8. Chinese Pheasant.
9. ~~L~~ House Wren.
10. Black Bird.
11. Meadowlark.
12. Killdeer.
13. Mourning Dove
14. Oriole
15. Blue Bird
16.
17.
18.
19.
20.

Ten birds of prey useful in the destruction of rats and mice.

1. Sparrow Hawk.
2. Red tailed Hawk.
3. ~~4~~ Long-eared Owl.
4. Short-eared Owl.
5. Hoot Owl.
6. California Horned Owl.
7. Kennicott Screech Owl.
8. Barn Owl.
9. ~~Blac~~ Marsh Hawk
10. Red shouldered Hawk

Ten birds useful in the protection of treestrunks.

1. Red-shafted Flicker.
2. Nuthatch.
3. ~~Red-breasted Sapsucker.~~ Downy Woodpecker.
4. Gardner Woodpecker.
5. Chickadee.
6. Harris Woodpecker.
7. California Creeper.
8. Lewis Woodpecker.
9. Pileated Woodpecker.
10. California Woodpecker.

Birds I Know

✓ Wilson Snipe.
✓ Killdeer
✓ Bob White.
✓ Cal. Valley Quail.
✓ Mountain Quail
✓ Mourning Dove.
✓ Sparrow Hawk.
© Red tailed hawk.
✓ Buzzard
✓ 10 Belted Kingfisher.
O Hairy Woodpecker
✓ Red Breasted Sap-sucker
✓ Flicker
✓ ~~XX~~ Nighthawk
✓ Ruby Throated Hum. Bird
✓ Magpie.
✓ Blue Jay
✓ Crow
✓ Nutcracker.
✓ 20 Red-winged Black-bird
✓ Meadow-lark
✓ Black Bird.
✓ Junco.
(Song Sparrow
✓ [illegible]

✓ Oregon Towhee
✓ Barn Swallow.
✓ Tree Swallow
✓ Cedar Waxwing
✓ Dipper
✓ Chickadee
✓ White Breasted Nut-Hatch.
Pigmy Nut-Hatch.
✓ Ruby-Crowned Kinglet.
✓ 35 Robin
✓ Blue Bird.
✓ Varied Thrush
C Sea Gull.
✓ Pheasant
✓ Sooty Grouse. 40
✓ Shikepoke
✓ Mallard Duck
C Wood Duck
✓ Blue Heron
✓ Goldfinch
✓ Wren
C ~~Red~~ Lewis Woodpecker
C Pileated Woodpecker.

Birds seen in Council Crest Park from 6 a.m. to 8:30 a.m.
On Tuesday Morning, May 7, 1940
with
Mr. Harold S. Gilbert

My first bird study trip.

	Name	Seen	Heard	M	F	Y
	Red-Shafted Flicker	x	x			
	Western Pine Siskin	x	x	x	x	
	China Pheasant (Ring-neck)	x	x	x		
	Cassin Vireo (or warbler)		x			
5	Audubon Warbler		x			
	Western Evening Grosbeaks	x	x	x	x	
	Pacific Yellow-throat	x	x	x	x	
	Band-tailed Pigeon	x	x			
	Turtle Dove (Mourning Dove)	x				
10	Black throated, Gray Warbler	x	x	x		
	Lutescent Warbler	x	x	x	x	
	Oregon Towhee	x	x	x		
	Oregon Junco	x	x	x	x	
	Western Robin	x	x	x	x	
15	Violet-Green Swallow	x	x	x	x	
	Purple Finch (California)	x	x	x	x	
	Macgillivray Warbler	x	x	x		
	Red-breasted Nuthatch		x			
	Sparrow Hawk	x		x		
20	Seattle Wren		x			
	Pileolated Warbler (Black Top)		x			
	Hermit Warbler (Yellow Top)		x			
	Ruby-Crowned Kinglet (Golden?)		x			
	Black-Headed Grosbeak		x			
25	Rusty Song Sparrow	x	x	x	x	
	Fox Sparrow	x	x	x	x	
	White-Crowned Sparrow		x			
28	Chipping Sparrow	x	x	x	x	
30						
35						
40						

SOIL EROSION.

Back of much of the present-day grief is greed. Thoughtlessness, though, and lack of understanding have played even larger parts in the loss of our soil upon which we, as a people, must depend. Far be it from me to censure the pioneer who, with his family, went west with axe, rifle, and Bible, all of which he used, and enduring hardships, made clearings in the forest or broke the dense prairie sod. Without these hardy spirits, there would be no Middle West as we know it today, no Mississippi Valley bread basket and meat market upon which the cities of the East largely depend.

Nature is kindly and tolerant, but will permit abuse and excuse man's mistakes only so far. The time comes and come it has in our United States, when the tables are turned. There is no longer free land for farming. The day is gone when one who has mined or robbed the soil can get in his covered wagon, call his dog, and move on to another 160 acres.

Droughts and dust storms do not just happen. In part they are man made. In too many places plows have replaced grass. Neither the man nor his son, nor his grandchildren, in the [illegible] of [illegible] rainfall, destroyed the grass, can now put it back. Gradually, but surely, through an acknowledgment of the mistakes that have been made and a better understanding of the remedies within reach, and by working with nature a part of the damage may be corrected.

Woodburn, Ore.

Saturday afternoon, May 11, 1940 1:30 to 3:00 P.M.
Birds seen at Payzant's ($\frac{1}{4}$ mile north of house)
Weather clear, no wind, Temperature 78 to 85 degrees.

Turkey Buzzard
Cooper's Hawk
Chipping Sparrow
Cassin Vireo
Red-tailed Hawk

Towhee
Junco
Robin
Violet-Green Swallow
Hermit Warbler

Barn ~~H~~Owl
Red-breasted Nuthatch
Slender Bill Nuthatch
Rufous Hummingbird
***~~Brown Creeper~~
GARDINER ~~Downy~~ Woodpecker
MOURNING ~~Turtle~~ Dove
Vesper Sparrow
Ruby-crowned Kinglet
Black-throated Gray Warbler

Ruffled Grouse
Flicker
Purple Finch
Goldfinch
Song Sparrow

Meadowlark
Crow
~~Arkansas~~ Goldfinch/ [illegible]
Blackbird
Sparrow Hawk

~~Whip-poor-will?~~
or Night Hawk
*~~Red~~Black-headed Grosbeak
Steller Jay
California Valley Quail
**Audubon Warbler

Chestnut Back Chickadee
Barn Swallow
Ring-necked Pheasant
Towhee-Chat combination??????

* I have heard them before but this was the first one I had ever seen. It was sitting in the top of an as yet, leafless Ash tree.

** This was the first Audubon Warbler I have ever seen. I had never looked for them before as I thought they were just some type of sparrow.

There ~~are~~ WERE several kinds of sparrows, warblers that I saw, but that I was not able to identify.

Turkey Buzzards lit in tree directly above me. When it took off, it stretches its body and spreads its wings as if it were flying;: then it jumps off without beating its wings.

***These creepers were on the Oak trees in the swamp area I was in. Conspicuous white spots on back and on wings when folded. They go around a tree AND UP spirally.

All of these birds were seen in an area no large than a city block. A combination of a ditch from a grain field and pasture and a grove of Oak trees with sparse underbrush. Thickets to the south. Pasture and Fir trees to the north. Grain fields to west and east.

BROWN & SMITH [illegible]

Washington, New Jersey

May 1, 1940

McDaniels Clothing House
1380 N. E. Carolann Avenue
Memphis, Tennessee

Gentlemen:

Enclosed is our order for cloth. [illegible] the first order we have given your com[illegible] also including references.

We have an account with the [illegible] Bank of Tacoma, and have done bu[illegible] with the well-known firm of Brad[illegible] city. You are free to call on [illegible] rating.

[illegible] tailoring our fall suits [illegible] per cent, net 30 days, [illegible].

As you will notice from our or[illegible] [illegible] to take up a quantity of suit[illegible] of red that are so popular this season [illegible] should like to be supplied with [illegible] shades of materials as they come in.

You have treated us so courteous[illegible] this initial order that we feel con[illegible] [illegible] relations with you will be ver[illegible].

Yours truly,

BROWN & SMITH [illegible]

Clothing Department

MF:FE

Enclosure

MOTHER'S DAY
May 12, 1940

Sunday Afternoon, May 12, 1940 from 3:15 P.M. to 6:30.P.M. Sky clear except for occasional high Cirrus Clouds, Temperature was about 68 to 78 degrees. Wind was from the East. Table Rock and Mt. Hood were rather hazy to the East. Clouds around the peak. ~~¼~~ ¼ to ½ mile north of Payzants' house. Did not stay in one place (swamp) as I did the day before. We covered a lot of ground and found a great many birds out in the open, plowed, and grain fields instead of being in the woods as they were the day before when it was warmer. Eldon was with me today.

+Hermit Warbler
Crow
+Oregon Towhee
*Cassin Vireo(very queer rattle call while chasing each other today. New.)
Barn Owl
Turkey Buzzard
Violet-Green Swallow
+Oregon Junco
+Chipping Sparrow
Killdeer

Chestnut-backed Chickadee
Robin
+Song Sparrow
+Goldfinch
Ring-necked Pheasant

Red-tailed Hawk
Rufous Hummingbird
***Lewis Woodpecker (lots of them)
Flicker
Black-throated Gray Warbler

Meadowlark
+Bob White
Blackbird
California Valley Quail
Turtle Dove

Ruffed Grouse
Red-breasted Sapsucker
Seattle Wren (Saw babies**)
+Black-headed Grosbeak
Sparrow Hawk

* Located Cassin Vireo nest that is hanging from a crotch in a Dogwood (Cornus Nuttallii) Tree near large fallen tree. It is west of the Marsh. The male was on the nest at the time and the female was about 5 feet away.

** There were about 9 or 10 of the little baby wrens, they were hardly able to fly more than 10 or 15 feet. We are not sure that they were Seattle Wrens because of lack of clear look at the two parent~~s~~ birds. We caught one of the babies and took a picture of it with Eldon's camera.

About 50 feet southwest of where we found the baby wrens I found a funny shaped nest hanging from the northwest side of a Yew tree on one of the outer branches. The nest was similar to pictures of Oriole nests that I have seen. I don't know what the inside of the nest was made from, but the outside seemed to be covered with a dry, wiry, thin moss such as I have seen hanging from dead tree limbs. The nest is about 10 to 14 inches in length (just a guess, not actual measurement). It is wider near the bottom than at the top. I did not get to see where the entrance was located but I expect that it was at the top, as it was getting late and I was in a hurry. I will get more information later.

***There were many Lewis Woodpeckers flying into and from a plain plowed dirt field that did not have any cover or vegetation on it to speak of.

May 6, 1940

Mr. Robert J. Peters
4516 S. E. Woodstock
Portland, Oregon

Dear Sir:

A man's home doesn't become a precious thing until he has to struggle to hold it. Back in 1778, neighboring territories looked with greedy eyes on what is now Vermont and laid claim to almost the entire state. One claim alone endangered the freedom of over sixty townships. Congress was powerless to help, but the people of Vermont stoutly defended their homes and declared the state free and independent with the result that Vermont was admitted into the Union in 1791.

Nearly sixty years later in 1850 another little group banded together for home protection to encourage thrift, self-reliance, and financial independence among its members. The company has grown to such extent that today its policyholders are located in every state in the Union.

In the entire 85 years of its existence no one has ever lost a dollar invested in a National life policy. So sound has its management been that this Vermont company has paid to its policyholders and beneficiaries, forty-eight million dollars more than was received from them in preimums. National policyholders are now receiving slightly more than fifteen per cent larger dividends than they received two years ago.

An endowment policy combines investment features with insurance protection. National endowment policies are especially liberal in the choice of guaranteed values offered.

For complete information write for our booklet.

Yours very truly,

E. R

ER/hn

Thursday Afternoon, May 16, 1940--- 3 p.m. to 5:30 p.m.

This afternoon I was supposed to start out to Jantzen Mills to make application for a job for the summer, but on the way I stopped in to see Mr. Gilbert about the Bush Tit and Cassin Vireo nests that I had located. We went over our trip report to Council Crest and finally decided that we saw 28 different birds on the final count. I read him the reports I had written on trips taken May 11 and 12 at Woodburn. He suggested that we take a trip out to the Bird Sanctuary this afternoon and I could not very well turn him down. (You know how it is when you like to do something more than something else.)

Before we left the office a Mr. Aiken came into the office to get information of flight sillouettes of the Hawks of this vicinity. [redacted] him. [redacted]. I'll see if I can't [redacted] birds and [redacted] some [redacted]

We arrived at thé Pittock Bird Sanctuary on west Cornell Road. It is all fenced in. We met the caretaker of the reserve who is Mr. Eliot, the auther of Birds of the Pacific Coast. The three of us made a tour around the trails of the reserve and down to the pond which had been recently rebuilt. Mr. Eliot then went back to the house while Mr. Gilbert and I went up the trail to the higher parts of the reserve. It is certainly beautiful back in the deep, dense, woods.

While on this hike we chalked down the following birds:

- Robin
- Golden-crowned Kinglet
- Red-breasted Nuthatch
- Band-tailed Pigeon
- Wood Duck (in captivity)

- Winter Wren
- Evening Grosbeak
- Cassin Vireo
- Black-throated Gray Warbler
- Pileolated Warbler

- Russet-backed Thrush (saw nest)
- Rusty Song Sparrow
- Warbling Vireo
- Junco
- Seattle Wren

- Oregon Chickadee
- Violet-green Swallow
- Western Tanager

On the way back up to the caretaker's house, I found a dead bird laying on the lower limbs of a Grand Fir, just at the base of the hill where the shelter is, and about 50 feet from the Rock Memorial. It was a very queer bird as it had the tuberous nose, webbed feet, and was a sooty black color. Mr. Gilbert thought it to be a Petrel, but what was a Petrel doing here in Portland? We hurried up to Mr. Eliot's house where we had him identify it for sure. We found that it was a Beal's Petrel, probably blown clear in here from the ocean by some severe storm last winter. It seems that I have established some kind of a record as it is the third of its kind ever found in Portland or the Willamette Valley in the history of bird lore. We took the bird to Ben Hur Lampman and he is going to put an article in the paper about it along with my name being the one who found it. It should be in Friday or Saturday's Oregonian although it may not be in until next Sunday.

Mr. Eliot has a female Western Tanager in his house all the time. It is very tame and will fly to my finger, hand, arm, shoulder, or head if I call it. It certainly is a wonderful thing as it supposed to be a wild, migratory bird. Mr. Eliot has a very marvelous collection of books and other literature on birds, trees, and what have you. I could spend hour on hour going through his library. Mr. Eliot has the Bird Sanctuary fixed up very. I also must make a trip through the upper and lower MacClay parks, which are just to the east of the sanctuary. Mr. Gilbert took the Petrel skin and was going to give it to Mr. Jewett.

~~Akin--Porter Building~~--01661 S. W. Radcliffe-- At 3461

April 26, 1940

Mr. Herman S. Stone
[illegible] Commercial Street
[redacted]

Dear Sir:

Wouldn't you like to own your own home? Drive out to the end of North Michigan Boulevard until you pass the Northwest Highway--then you will be in the beautiful River Oaks section. When you have seen the houses and gardens in this section, you will not only want your own home, but you will want to move right into one of the many charming houses that our firm has just finished building.

We want you to see for yourself that they are constructed with first-class materials throughout, and with the best workmanship. Several are ready for inspection, one of which I am sure you will be interested in is located at 4516 Franklin Place--a lovely white brick cottage that has been completely furnished by A. Harris and Company. Drive out any evening this week and see this house and the beauty of its surroundings.

You may be interested in our easy financing plan.

Sincerely yours,

OREGON LAND COMPANY

Realtor

DS:FL

May 18, 1940
Belle Passe 1:30 to 4:00 p.m.
85° No wind. Beginning to get hazy.

Brewer's Blackbird
Meadowlark
Robin
Killdeer
Flicker

Valley Quail
Green-backed Goldfinch
Oregon Towhee
~~Ch~~Oregon Junco
Chipping Sparrow

Barn Swallow
Willow Goldfinch
Mountain Quail
Mourning Dove
Russet-backed Thrush

Pileolated Warbler
Winter Wren
Warbling Vireo
Western Evening Grosbeak
Seattle Wren

California Yellow Warbler
Oregon Chickadee
Cassin Vireo
Song Sparrow
Golden-crowned Kinglet

Lewis Woodpecker
Sparrow Hawk
Shufeldt's Junco
R-B ~~Pigmy~~ Nuthatch ???
Crow

Wilson Snipe
Nighthawk
Violet-green Swallow
Lutescent Warbler
California Jay

As I was walking across the pasture I heard a loud commotion in a Hazel bush. As I turned that way, two birds came bursting out of the shrub. The first was a large blue and gray or white bird; the second a Robin. The Robin chased the bird away from the vicinity even though it was larger than the Robin. I went over to the Hazel bush and found the Robin's nest with one egg broken and partly eaten; the yolk was broken. There was just one egg in the nest. The nest was 6½ feet high.)

Later I saw the blue and gray or white bird and from the general view of it I decided that it was a California Jay.

I studied a new bird today--Small, about the size of a very small Chipping Sparrow--yellow throat patch, two equal brown-black plates on breast. A pair of white or gray, elongated and pointed ovals near the tip of the tail on the underside: .. The bill was small but seemed to be flat and wide like a flycatcher's. I am not sure but I think that there were whiskers at the base of the bill. It perched on a limb and dashed out for a bug, and then came back to the same big limb, although on a different small branch. I was only about five or six feet away from it for a whole two minutes. Dark wings. This bird has me worried very much as I am unable to find a record of it in Birds of America or in Eliot's book Birds of the Pacific Coast. It should be a flycatcher or a kingbird from the general body shape.

May 19, 1940--4:30 to 5:45 p.m. Kirsch's Woods and home.
85° N. W. Breeze, Cirrus and Cumulus Clouds. (sparse)

Robin
Mourning Dove
Meadowlark
Crow
Brewer's Blackbird

Vesper Sparrow
Sparrow Hawk
Ring-neck Pheasant
Barn Swallow
Flicker

Macgillivray Warbler
Violet-green Swallow
Fox Sparrow?
Willow Goldfinch
California Yellow Warbler

Pacific Yellowthroat
Bob White (female)
Oregon Chickadee
Valley Quail
Oregon Towhee

Killdeer
Hermit Warbler (female)
Seattle Wren (singing)
Lewis Woodpecker
Rusty Song Sparrow

Harris Woodpecker and young.
Green-backed Goldfinch
Pileolated Warbler
Red-breasted and headed Sapsucker

Savannah Sparrow
Chipping Sparrow
Oregon Junco
Cassin Vireo
Chestnut-back Chickadee

Mountain Quail
Russet-backed Thrush
Brown Creeper
Golden-Crown Kinglet
Red-breasted Nuthatch

White-crowned Sparrow (Nuttall's)
~~Yellow-bellied Sapsucker~~
~~Water Ouzel~~
~~Kingfisher~~

Bird a little bigger that a humming bird. Olive, gray, blend color.. Long tail (almost as long as the body of the bird. The tail is notched at the tip.. The male and female were feeding seven young birds that were all lined up on a limb in a row. The young birds could fly but could not forage for themselves. All the time the parents were searching for food in the nearby shrubs and trees, they kept up a chirping sound.

While I was standing quietly in the woods looking up at a pileolated warbler, I became aware of an increasing mewling of a Towhee coming from the brush near me. Upon inspection I found that there were six Towhees, 3 Robins and four or five Juncos following a cat that was trying to sneak through the woods. The birds finally chased it clear out of the woods with their continual chattering. The birds would get in the bushes directly above the cat, within two or three feet of it, and follow it whereever it went. It is a good way of protecting the birds young and helpless.

August 25, 1931

May 21, 1940. Lower Mc Clay, Upper MacClay, Pittock Bird Sanctuary, Washington Park, and intermediated points.
12 noon to 4:30 p.m.

China Pheasant
Violet-green Swallow
Red-breasted Nuthatch
Rusty Song Sparrow
Vesper Sparrow
Golden-growned Kinglet
Winter Wren with seven babies.
Robin
Steller Jay
Oregon Towhee
Hermit Warbler
Cassin Vireo
Flicker
Pileolated Warbler
Black-throated Gray Warbler

Mourning Dove
Band-tailed Pigeon
Oregon Junco
Russet--back Thrush
Western Tananger
*Wood Ducks
*Mallard
House Wren
Lutescent Warbler
Cooper's Hawk
Yellow Warbler
English Sparrow
Fox Squirrel
Two Chipmunks
Dragonfly (bright red body)

This was a very busy day for me--I walked to Jantzen Knitting Mills and to Jantzen Beach to make application for a summer job with them. From there I walked back into town to the Glisan Street Post Office and had a talk with Mr. Douglas, who is in charge of range survey work in the Forest Service. He took my name and would find out about work on an Eastern Oregon Ranch for the summer.
From there I walked over to Lower MacClay Park and walked up the creek trail to the lower end of the Pittock Reserve. I ate lunch there. After lunch I walked over to the reserve and visited with Mr. Eliot for about two and a half hours. I help Eliot carry a pair of Wood Ducks down to the pond where we turned them loose. He was afraid the Male would leave the pond right away but it stayed. The female Wood Duck and a Male Mallard that was on the pond mated while we were there.
On the way back into town I took the trail over the upper MacClay Park ridge and then around to Washington Park. Kept my shirt off all the time I was hiking. Climbed to the highest point of King's Heights where a beautiful home was located. I have never seen a view here in Portland that could equal it. They have two gardeners working for them. The 13 acres is located just above city pump tank No. 7. When you look up at it you think that it is a water reservoir.

Totaling all of the areas that I covered up and down hill and on pavement and it amounts to about 20 miles.
I found out that the birdsthat I did not know at Kirsch's woods were the Bush Tit and the Audubon Warbler.
Located Mt. Hood Lily plant in the Bird Reserve.

Fred Brandon, [illegible]
Assignment 50

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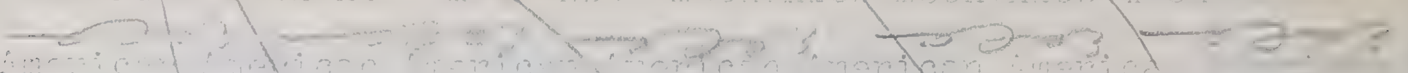

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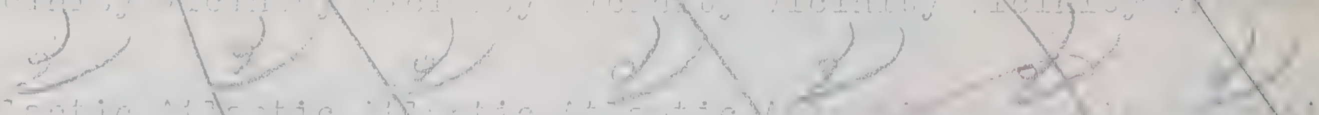

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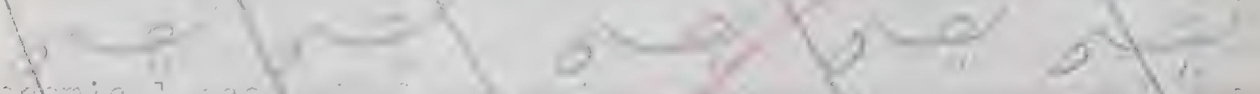

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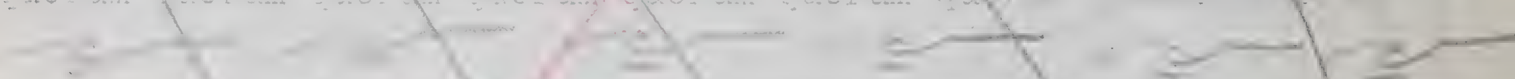
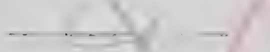


 [illegible]ara-- agreeable emotions.

[illegible]ial-- commencing, first, beginning.

[illegible]sible-- not to be [illegible]en, or able [illegible]

Sunday, June 2, 1940

8

We were on little north fork of Santiam this morning fishing. I heard and saw a red headed Sapsucker the first thing as I was getting out of the car. I saw several kingfishers along the creek. Saw young Dippers, they were gray and almost white underneath and light brown above. They sure "teetered" a lot. I didn't see any of them go under water.

Wednesday, June 5, 1940

7

I got up at five and went out to McCullough's place near Killian Bridge to track down a new bird. It turned out to be nothing but a Valley Quail. I walked down to the end of their Loganberry patch to a vetch field. As I turned to go back I saw what looked to be a blackbird, but upon closer scrutinization I saw there was red on it. I didn't know what it was until it lit on the top of a small tree near me. --It was a red-winged Blackbird! -- the first I had ever seen! Some thrill.
[illegible] of yellow with red patches.

Then-- to top it all off-- as I was walking back along a fence row I heard a call that I had learned in the Pittock Sanctuary-- I stopped and looked for the sender of such notes— Another surprise -- a Western Tanager! Out in open country in a small tree between two fields of grain. I also heard a bird th that goes : whichichee! whichichee! whichichee! I'll look it up when I get time. R Pacific Yellowthroat

Thursday, June 6, 1940

10

I was sitting in the back yard this evening listening to my radio and watching the swallows catch insects when I hearda cry that I had not heard for two years,-- a Pacific Nighthawk. It was flying high into the sky, fold its wings and drop toward earth. I also saw Rusty sparrows, English Sparrows, Cassins Vireo, Yellow Warbler, Rufous Hummingbird, Flicker, Robin, and White-breasted Nuthatch.

[illegible]

March 25, 1940

Hamilton-[illegible], Inc.
Tampa

[illegible]

June 15, 1940

3 to 5:30 P. M.

Eldon Payzant's Weather Hot and still, clear sky.

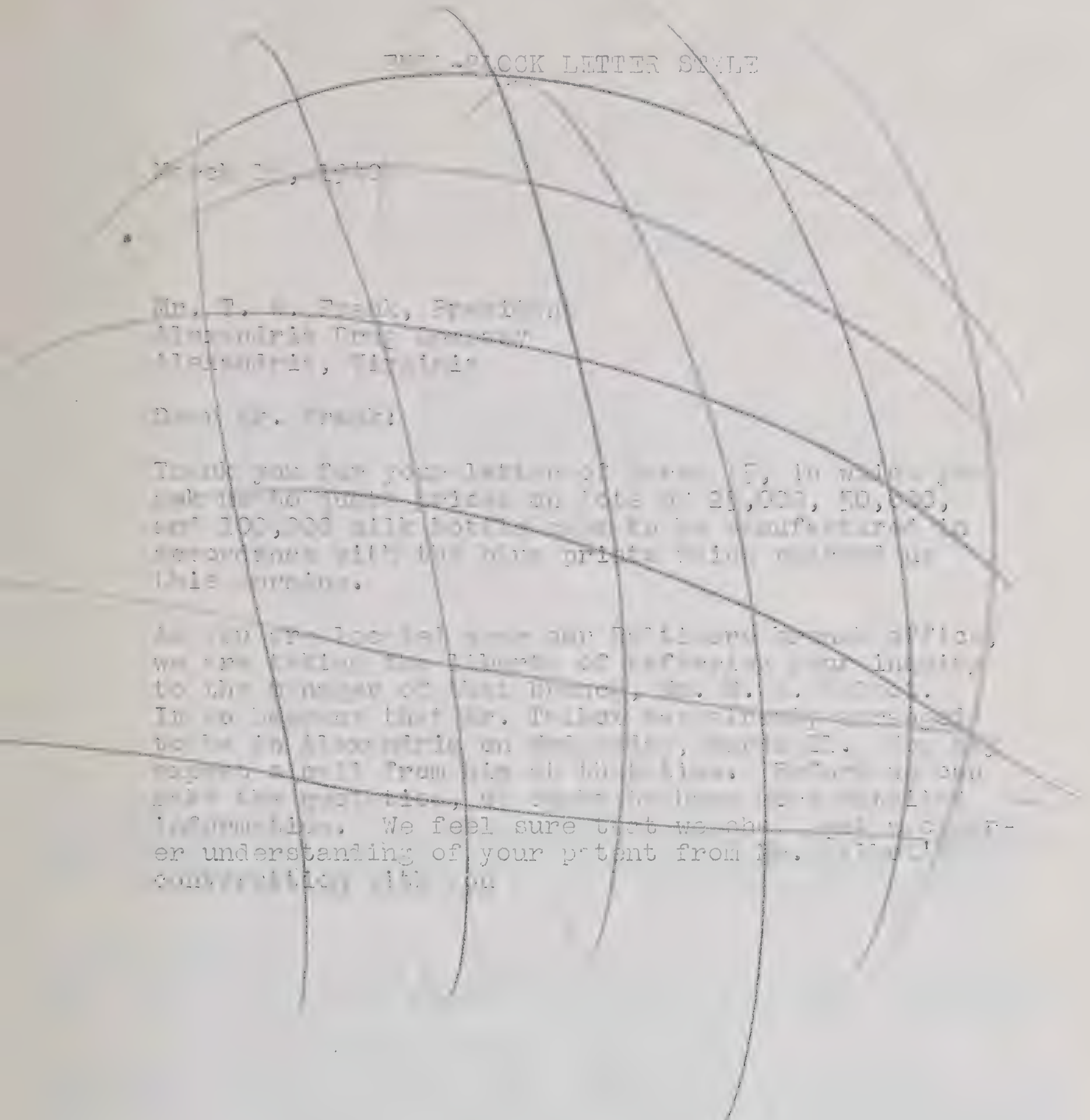
Towhee
Flicker
Sharp-shinned Hawk
xBullock Oriole
Bluebird
Vesper Sparrow
Mourning Dove
Stellar Jay
xxCedar Waxwing
xxxBush Tit

x Bullock's Oriole was flying across road at bottom of hill ¼ mile south of Eldon's

xx We saw 8 or 10 Cedar Waxwings. They were perched on snags in the swamp in Eldon's Woods. We got within 4 or 5 feet of them and fully appreciated the fine color designs on the bird. It was the first waxwings Eldon had ever seen.

xxx We came into the middle of a family of them. The young ones would come with in two or three feet of our faces as we stood in the brush.

This was just a short trip on his own farm. We spent most of the time trying to get a Thrush? nest out of an Ash tree 30 feet up. We're going to use climbing spurs next time to get it.



FULL-BLOCK LETTER STYLE

March [illegible]

Mr. T. [illegible] Frank, President
Alexandria [illegible] Company
Alexandria, Virginia

Dear Mr. Frank:

Thank you for your letter of [illegible], in which you asked for [illegible] prices on lots of 25,000, 50,000, and 100,000 milk bottles to be manufactured in accordance with the blue prints which reached us this morning.

As you are located near our Baltimore branch office, we are taking the liberty of referring your inquiry to the manager of that branch, Mr. [illegible]. In so [illegible] that Mr. [illegible] was already scheduled to be in Alexandria on [illegible], [illegible] you may expect a call from him at that time. [illegible] information. We feel sure that we shall [illegible] er understanding of your patent from Mr. [illegible] conversation with you.

OREGON SKYLINE TRIP
of
Ivan C. Parker
and
Fred Evenden, Jr.

June 25, 1940 to July 7, 1940

Copy of list of birds seen each day, while on this trip.

Breitenbush Lake 5500' June 25, 1940 ~~June 26, 1940~~

~~Snipe~~ Spotted Sandpiper Robin Red-breasted nuthatch Junco, Clarke Nutcracker, Dipper, Mountain Bluebird, Chipping Sparrow,

Jefferson Park 5500', June 26 + 27, 1940

Chipping Sparrow, Robin, Mountain Bluebird, Spotted Sandpiper Olive Flycatcher, Western Tanager, Flicker, Red-breasted Nuthatch, ~~Snipe~~, ~~Chi~~ Pileolated Warbler, Audubon Warbler, and Hummingbird (got within 2 feet of it.)
+ Rose-breasted Grosbeak – I not I saw them on Trail to Jeff. Park Lookout – 7000' +

Jefferson Park to Pamelia Lake 5500' to 4300' Weather Overcast – June 28, 1940

Steller Jay, Pileolated Warbler, Robin, Mallard ~~Duck~~, Dipper.

Pamelia Lake 4300' June 29, 1940

Steller Jay, Robin, Wood Duck and brood of small ones, Red-breasted nuthatch, black throat gray warbler, ~~yellow-bellied~~ Red-breasted sapsucker, dipper and its young ones, A bird the size of Steller Jay (slightly smaller) and about the same color, but it had no top-not. Was in vicinity with Stellars. → ??? Young Gray Jay
30 940 → Varied Thrush, Eagle, Pileated Woodpecker, Winter Wren, Nutcrackrr, Junco, Audubon Warbler, A duck dived on Pamelia from 150 feet into the lake and whistled so loudly that we were all temporarily paralyzed. ??Ha!

Hunts Cove to Marion Lake 6800' to 4140' July 1, 1940
Weather windy, sultry, thunderstorms to south.

Dipper, ~~snipe~~ Spotted Sandpiper, junco, Varied thrush (lots of them) Gruffed grouse and brood of small ones, Winter Wren (heard song) ~~Black throat gray~~ Townsend Warbler warbler, Pileated Woodpecker, Steller Jay, Nutcracker, Red-tailed Hawk, song sparrow, russet-back thrush, and Brown Creeper.

Jorn Lake July 3 → Marion to Jorn Lake

Winter Wren, Varied Thrush, Robin, Mountain Bluebird, ~~Violet-green~~ Tree Swallow, ~~Western Bluebird, Steller Jay~~, Female Western Tanager, Flicker, Rough-winged Swallow, Nutcracker, golden Eagle, ~~Snipe~~ Spotted Sandpiper, ~~Junco~~, California Woodpecker, Purple Finch, Violet green Swallow Pine Siskin, Olive Flycatcher, ~~Flicker~~, ~~Varied Thrush~~, a Junco with a pretty song, Male Western Tanager, ~~Yellow~~ Red-breasted Sapsucker, Bush Tit, at Jorn lake

7/5, 1940 I saw my first Oregon Jays. I thought they were smaller. One lit on our table while we were eating breakfast. Very tame. There were two of them.

~~July 4, 1940~~ Ring-necked? Scaup duck dove into lake this morning.
Hummingbird--song, and dive fight at Duffy Flats. also Varied thrush, red-breasted nuthatch.

July 6, 1940 Summit of Santiam Pass--Hoodoo Ski Lodge.
Nighthawk, Robin, Hermit Warbler, Red-breasted Nuthatch, Western Tanager.

Francis Matthews, Eagle Scout and Bird Student, Oakland, California

July 17, 1940

Kirsch's Woods
Weather Clear hot and slight breeze from NW
Time 3:15 to 5:15 P.M.

Young Towhee
Bobwhite
Chickadee
Flicker
Cassin Vireo
Young Seattle Wren
Olive Flycatcher
Robin
Valley Quail
~~Wood~~ Thrush
Russet-Back
Violet-Green Swallow
Lewis Woodpecker
Junco
Vesper Sparrow

I spent a lot of time looking for nests along the trail and I found several good ones to climb for when I get ready.

This is an excellent woods for bird study as it is brushy and well away from roads (nearly ½ mile away.)

As I got back to my bicycle I came into a large patch of wild black caps. I picked about 4 or 5 cups and carried them home in my hanky. On my way out to the road I found a Bob White egg that had been punched and drained.

I also collected the Robin's nest that I found on May 18. The one the California Jay had robbed.

INDENTED LETTER STYLE--SPECIAL FORM

February 24, 1940

Premier Vacuum Cleaner Company
417 East 112th Street
New York, New York

Attention Mr. R. W. Hilton

[illegible]:

We appreciate very much your letter of February 21 and the catalog which you sent us.

August 7, 1940 Pudding River Bridge

Al Stone was with me. Weather : Warm and fresh High, and scattered clouds Wind from northeast. 5 to 7 A. M.

I took Al Stone out on his first Bird Study trip. I killed the battery in our car and had to pay $12.00 to get a new one. We had to ride our bikes out to Pudding River.

Mourning Dove
Blackbird
Little Traill Flycatcher
Cliff Swallow
Robin

Stellar Jay
Russet-back ~~Wood~~ Thrush
Western W Wren
Kingfisher
Towhee

Violet-Green Swallow
Cooper's ~~Blue Darter~~ Hawk
Red-tailed Hawk

Red-breasted Nuthatch
Young Western Tanager + (call)
Gardiner ~~or Harris~~ Woodpecker
Flicker
Green-backed Goldfinch

Chickadee
Junco
Slender-billed ~~White-breast~~ Nuthatch
Cassin Vireo
Warbling Vireo

Valley Quail
Yellow-breast (~~Traill~~ ?) Western
Flycatcher
Lutescent Warbl.
Rusty Song Spar
Vesper Sparrow

xMallard Duck
xxxSeattle Wren
Black-head Gros
w Goldfinch
xx~~Least Bittern~~
(Anthony's Green

x There were 6 of them in the river just above the swimming hole.

[illegible] xx This, I at first took to be a heron, but later decided not. It had greenish tinge to it. Was in shallow water just off a sand bar when we disturbed it. It gave a squawk and then flew. We heard another squawk but couldn't locate the other bird.

xxx There were two of them within 5 feet of us that were giving themselves a dust bowl bath in the middle of the lane.

The morning was just perfect. Sun shining, fresh air, and the air full of birds and bird calls. I saw many that I didnot know.

[illegible]

February [illegible]

Premier Vacuum Cleaner Company
417 East 112th Street
New York, New York

Attention Mr. [illegible]

Gentlemen:

We appreciate very much your letter of February 21 and the catalog which you sent us.

You may enter our order for two Premier Vacuum Cleaners as samples o

Sept. 15, 1940

This morning I was out mowing our lawn when I heard a peculiar Kay ee cry from the birch across the street from our house. I saw the bird clear up in the top and called to mother to bring the field glasses. As luck would have it the light was wrong and all I could see was the outline of the bird way up there. It flew and I chased about ½ a block into an Oak tree. Here I saw that the tail was long and rounded, the underparts were grayish in color--and then it flew away again. This time two blocks farther into a grove of chestnut trees. My young friend, Herbert Gill, was with me by this time and we took out after it on the run. We looked in all the trees and could not find it. Then we saw it fly into the top of a big Black Walnut tree and fortunately for us the light was right and we stood across the street from the tree and had a good look at it before it finally flew away. I came home and looked it up and found it to be a California Jay, the nearest that I can figure it out. It is the second one that I have seen near Woodburn this summer. (Other on May 18, 1940 Report.)

Sept. 16, 1940

Again this morning I was out working in the yard when I heard an absolutely new song that I had never heard before coming from the holly bush across the street from home. Well, I immediately dropped all my tools and proceeded to sneak up on that tree and find out what was in there. It was a Seattle Wren, and I never would have guessed it be its song. Mr. Gilbert, of Portland, took me on a field trip one day and showed me the Seattle Wren and told me about the song but we were unable to here any that day, so this was the first time that I had heard a Seattle Wren sing.

Also today I saw Western Tanager, Chickadee, Cassin Vireo, Violet Green Swallow, Nighthawk, and above all noticed a very conspicuous absence of Mr. Robin Red Breast. During the past three weeks I have been working in the cannery and have not done any bird study at all and had not noticed during what week the Robins decided to leave us for the summer. Many times this summer there has been as many as 30 or 40 Robins in our yard at the same time ! Believe it or not ! That is the actual truth by actual count.

September 21, 1940
Pudding RiverBridge 6 A. M. to 8:30 A. M. Very chilly, no wind,
Sun not up until about 7 o'clock. Herby Gill was with me.

Blackbird
Chickadee
Stellar Jay
*Anthony Green Heron
Rusty Song Sparrow
Great Blue Heron
Red-breasted Nuthatch
Flicker
Ruby-crowned Kinglet
Western Tanager
Gardiner Woodpecker
~~White-breasted~~ Slender-billed Nuthatch
Killdeer
Cooper Hawk
Seattle Wren
Towhee
Western Wren
Kingfisher
Meadowlark

* This morning we scared up a single Green Heron as we were walking along the road into the swimming hole. By some quirk of coincidence the bird was within ten or fifteen feet of the spot where Al Stone and I first scared one up on Pudding River on August 7, 1940 at 5:30 A. M. I am beginning to wonder if they are at the same place every morning or if this was just history repeating itself after one and a half months. I am taking Virgil Lamb, a grade school teacher, out on a bird study trip tomorrow morning and we will stop off there on the way to Jack's bridge.

About ten minutes after Herby and I scared up this single bird, we were about 500 feet farther up the river at the bend above the swimming hole when all of a sudden there was a loud splash and four of these same birds jumped up in the air and went hell-bent-for-election up Pudding River. I am still very doubtful as to the true identity of this bird. If Gilbert or Jewett from Portland could see it the matter would be cleared up for good.

September 21, 1940, Kirsch's Woods at 2:30 to 4 P. M. Eldon and I.
Weather very warm and lazy for this time of year. No breeze.

Flicker
Chickadee
Sparrow Hawk
Towhee
Ruby-crowned Kinglet
Stellar Jay
Blackbird
Killdeer
Robin
Vesper Sparrow

We climbed Douglas Fir tree that was in the southwest corner of the woods. We went up about 80 feet to 85 feet above the ground. We could see all over the surrounding countryside.

Had a good chance to study a sparrow hawk that hovered in the air about 50 feet from us as we were coming back to the car.

Tomorrow morning will probably be my last bird study trip for some time as I am going down to Oregon State next wednesday to take a year course in the Wild Life Department.

NOTE: September 22, 1940

Mother, Dad, and I went into Portland to the bird sanctuary, Laurelhurst, and Mt. Tabor parks today. Had long talk with Mr. Eliot and we definitely have decided that the four "Herons" that I saw yesterday (mentioned above) were the very rare and scarce Anthony Green Heron. He has seen them only on Johnson Creek in Portland and on the Umpqua River in southern Oregon.

Chickadee
White-breasted Nuthatch
Robin
Flicker
Mallard Duck
Canada Goose
White Swan
Junco

September 22, 1940

Jack's Bridge on Butte Creek 6 A. M. to 9 A. M.
Weather clear and warm

Virgil Lamb was with me this morning.

Blackbird
Killdeer
Meadowlark
Flicker
Kingfisher
White-breast Nuthatch
**Pileated Woodpecker

Red-breasted Nuthatch
Stellar Jay
Mallard Duck
Robin
Towhee
Sparrow Hawk
Varied thrush

Western Wren
Song Sparrow
Junco
***Seattle Wren
Chickadee
*Hungarian Partridge

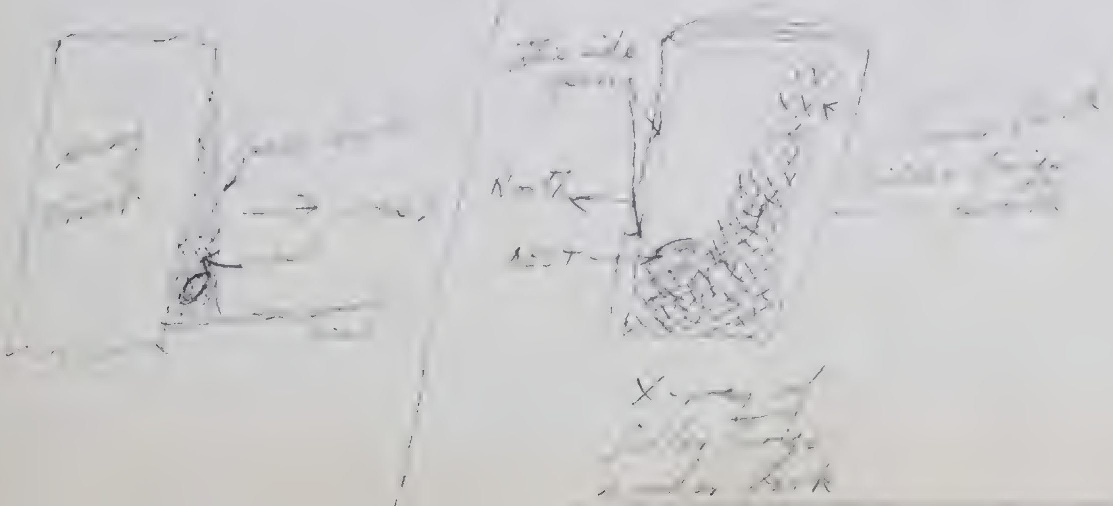
* As we were coming back on the ridge we scared up a covey of about 15 of them in stump land near the edge of the woods.
*** Heard S. Wren give beautiful song for about 3 minutes today. (1st Time)
** The thrill of the whole trip ! We followed it for better than a half mile within 50 feet of it all the time. It sure is all that it is cracked up to be and some to boot. Beautiful bird--very conspicuously designed for the woods.

We hiked up the creek from the bridge to the dam and looked for Water Ouzel nest but it was too dark under the dam to find one. From there we hiked on up the creek for about ½ mile to a small fenced off orchard and then we climbed the ridge to the east and went back to the bridge along the top of this ridge. It was as we were climbing up near the top of this ridge that we first heard the curk curk curk curk of the Pileated Woodpecker and then we got to see it the rest of the hike back to the car.

One feature that we noted was that early in the morning the birds folllow and abound in the spots where the sun is shining and stay away from the early morning shady spots.

While we were killing a little time waiting for more sunshine I happened to find what looked like a nest sticking out from under a loose piece of bark on a snag. So it was-- we dragged a lot of logs together and piled them up at the foot of this snag so that we could climb up and get a look at this nest that was about 9 feet above the ground (just a little too high for me)

The nest was under this piece of loose bark that was about 14 inches long and about 8 inches wide. At the base the bark was about 3 or 4 inches from the trunk of the snag and there was a limb running from the trunk at right angles to the bark. The nest was built up from this limb with rather coarse twigs,as most of the area under the bark was filled up with. There was a small nest about 2 inches across that was used by the birds after it had filled up an opening about 10 inches high to keep out wind and rain. The loose bark was on the west side of the snag. The nest part had leaves in it but was not very finely built.



Brook Lane and Avery Park
2:30 to 4:30 p.m. Corvallis, Oregon, Sunday, September 31, 1940
Weather was warm and very hazy, not able to see the coast mountains at all.

I walked out to Uncle Bill's place this afternoon and had a long talk with them, and then I decided to go out on a bird walk so off I w ent.
Bill and Dorothy used to take pictures of birds, nest, etc. but in the last five years or so have not had time to do it.

Birds that I saw this afternoon were not very many:

Crow
Flicker
Junco
Robin
Green-back Goldfinch
Sparrow Hawk
Meadowlark
Vesper Sparrow
Towhee
Oregon Chickadee
Golden-crown Kinglet
Brewer Bl ackbird
Mallard Duck
Red-tailed Hawk*

I got very close to this bird as I was standing on one bank of the Mary's River he flew into a small tree on the other side and he did not see me as I was s tanding still from the minute I saw him. I watched him very closely for about three minutes and then he flew on upstream.

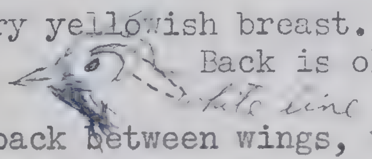
October 4, 1940 Weather warm and hazy Corvallis Oregon. 3 p.m.

I was walking home from War Drill today and I came past the big fir tree by the path through the band stand quadrangle. There on the bottom branches were several Golden-crown Kinglets feeding on the small twigs. I saw both the male and the female of the species. The golden stripes were very predominant on the head of the male bird. I got within 4 or 5 feet of them.
(weaker on the females.)

October 10, 1940 Corvallis Oregon 9 a.m. Fog just lifting a little bit.

I am in my room at my desk trying to study when I hear the familiar squeek of the Cedar Waxwing, and my mind wanders immediately from the Zoology that I am trying to learn. These Waxwings are flitting around and feeding in the Weeping birch tree directly across the street, so I got my glasses and proceeded to take down the following ~~the~~ notes:

Male:

Very yellowish breast. Gold bar on tail. Has crest, white lines around ~~face~~ face: 

Back is olive color with white streak running along ½ the length ~~of the~~ of the back between wings, when they are folded. Rump color is bluish. Black is marked on the face just behind the bill.

Female:

Underparts white and brown molted appearance(could be young bird also) no crest, brown above, gold bar on tail, white patch in middle of breast. Whitish under rump of tail. Has face markings of male also.
If it wasn't for the yellow-gold bar on tip of tail I would never have recognized it as a Waxwing. It looked more like an immature sparrow.

Woodburn, Oregon
Pudding River, October 13, 1940 9:15 to 11 a.m.
Lovely weather; clear and warm, and sunny. Very quiet. no breeze

When I first got out there things were very quiet, and so I sneaked up to the ledge overlooking that section of the river, to see if I might be able to get a good look at the Anthony's Green Heron which I had scared up twice previously, but it wasn't there after all ! I walked well over 300 yards before I saw so much as a single bird.

Birds seen were:

Blackbird
Killdeer
Meadowlark
Towhee
Golden Crown Kinglet

Stellar Jay
Flicker
Song Sparrow
Winter Wren
Junco

Varied Thrush*
Ruby-crown Kinglet
Crow**
X bird ***
Chickadee

Varied Thrush

Kingfisher
Seattle Wren****
Stellar (call)*****
Cooper Hawk
Mallard******

* I was walking around the bend in the trail when the Varied Thrush jumped onto a stump about 8 feet in front of me. It gave its call and then started to just stand there and eye me. It had lots of orange on its breast. As I remember it the wings seemed to be flecked or barred with white spots. The bird was beautiful as it stood there on the stump, framed in dew-drenched ferns.

** I was sitting on a log watching two Nuthatches go up and down the trunk of a tree when I heard a Crow call a long way to the north. About two minutes later the call became more than one and much louder and closer. Presently, winging in high, from the north was a flock of crows. As they were flying in V shape with 3 to 5 in a formation I decided to count all that I could see. Some I know that I didn't see because they were below the horizon of the tree tops at the west end of the pasture that I was in. At any rate I actually counted 63 of them going south at a good rate of speed.

*** As I got to the end of the particular trail which I was following, I stopped to look around and see if there was another trail leading back the way I came, but there was not, so I was to take the same trail back. While I was looking around I heard the call of the Red-breasted Nuthatch from the trees to the west of me. Then ! What did strike my ears but that wild, thrilling call of the (what I shall call until I find out for sure) "X Bird" At first it was rather weak, but soon seemed to become louder and closer. I strained my eyes in hopes that I might see this bird that has had me puzzled all this year. Soon it quit making its call / and I turned back on the trail. This same call, I have heard in the valleys near the summit of the Cascade range when Ivan and I were on our Skyline trip, and then again I heard it last September 22, when Virgil Lamb and I were on a Bird Study trip to Jack's Bridge on the Marquam-Silverton highway. Evidently it must come down into the valley for the winter.

Varied thrush

****

When I got nearly back to the car I saw a Seattle Wren sitting on the trunk of a fallen Western Red Cedar tree. I stopped to watch. Almost as soon as I became motionless it began to sing, and if I ever hope to hear a more musical and beautiful song, I certainly don't know where it might be. The Seattle Wren's song is one that every one should have on opportunity to hear at some time.

***** This particular Stellar Jay that I mention had entirely different gutteral sounds which were much lower in tone than any that I have ever heard before. From the distance at which I observed the bird, it seemed to have the same appearance as the regular Stellar Jay.

****** The last birds that I saw before I got in the car and came home were four mallard ducks that I scared up off the river, about 300 feet below the bridge. There were three Hens and one Drake. They took off, circled the place and then started following the river downstream for some distance. They flew within 100 feet of the Cooper Hawk that I had seen about two minutes before this.

I was alone on this trip.

Woodburn, Oregon
October 13, 1940 11:30 to 12:45 p.m. Went on my bicycle.
Gill's Grove at south end.
Weather still warm and clear (perfect)

After I got back from Pudding River I stopped in at home to see if there was anything that had to be done, but as there wasn't, and the weather was so swell, I started out on my bike just to look around town, and finally ended up in Gill's Grove.

Birds I saw were:

Lutescent Warbler
Chickadee
Flicker
Towhee
Robin
White-breasted Nuthatch
China Pheasant
Golden-crown Kinglet
Junco
Meadowlark
Seattle Wren
~~Yellow-bellied~~ Sapsucker (Red-breasted)
Song Sparrow
Green-backed Goldfinch
Killdeer

The first thing I did when I walked in on the trail into the woods was to scare out a Chinee Cock and Hen. The woods seemed to be plumb full of Chickadees and Nuthatches. Almost every tree I looked at had two or more chickadees and one nuthatch on its trunk. There were many birds flitting around in the grove, but they were so high that I did not get a chance to see them.

This grove is a mixture of Chestnut, Sycamore, Locust, Elm, Maple, Oak, Serviceberry, Madrone, Hazel, Blackberry, and many other imported and unnatural trees and brush. This makes it a good place to find some stragglers from the far places to stay, where they have plants like their home country. This is the only place within miles of Woodburn that has such an abundant mixture of tree and undergrowth.

October 20, 1940
MacDonald Forest Corvallis, Oregon

Weather: Cool, and very wet. We were up in clouds most of time.

This morning Eldon and I left here at 9 A. M. and walked down to 9th street where we hitched a ride out to the Arboretum in record time. It was raining hard when we left, but we had already made our plans and we are not to be so easily taken aback.

We had a very uneventful hike until we reached the road above the forestry school cabin. We hiked from the Arboretum back along the ridge of the mountain until we were 6 miles due west of Corvallis, then we came down from the ridge. We hiked better than 12 miles altogether.

Birds seen were:

Golden-crown Kinglet
Robin
Brewers Blackbird
Winter Wren
Flicker
Seattle Wren
Great Horned Owl
Kingfisher
Towhee
Junco
Varied Thrush
X Bird
Song Sparrow
Red-breasted Nuthatch
Stellar Jay

Blue Darter (Cooper)
Pileated Woodpecker
California Jay
Chickadee
Ruby-crown Kinglet
Chestnut-back Chickadee
Bush Tit
~~*and ???~~
Hungarian Partridge
Blue Heron
Pheasant
Mallard Duck
Meadowlark
Killdeer
~~Marsh~~ Western Wren

Soon after we had climbed up the hill above the forestry cabin we came face to face with a 8 or 9 point buck with its doe. It turned sharply, flapped its white and black tail and they leaped into the brush and disappeared. We went on for another quarter of a mile and I spotted two little fawns up the road about 100 feet, but they were hard to see because the clouds were so thick on this part of the mountain. We got within about 70 feet of them and then stood still. They then moved closer but we could not get a picture of them. After about 5 minutes of standing and waiting I was surprised to see another deer come around the bend in the road--it was the doe. She walked directly toward us for about 20 feet and then she stopped and warily watched us. I waved my hanky like a white-tail but she wouldn't come any closer. Then all of a sudden she turned and bounded back up the road and leaped down over the side of the mountain, closely followed by the two fawns. We ran up there but they had disappeared.

* On the last leg of our hike we were about $1\frac{1}{2}$ miles west of the gate across the Oak Creek road when Eldon and I came right into the middle of what seemed to be bushes literally alive with very small birds. We stopped and watched. There were Oregon Chickadees, Ruby-crown Kinglets, Juncos, Towhees, Chestnut-back Chickadees(first I had ever seen), Gray Bush Tits, and a small bird about the size of the Kinglet, shaped like them; This bird had a black beak, and black color around the eyes. The upper parts were a sort of blue lead-gray color being darker on the top of head and neck. The underparts were definitely a light gray or pure white. There seemed to be white in the tail feathers on the under side. This bird hung upside down and every which way on the bush. There must ~~of~~ have been four or five hundred small birds in the immediate vicinity.

Woodburn, October 25, 1940, At home.

Clear and fresh.

I just got in to town from Corvallis and was coming out into the yard to mow and rake it. But ! The trees across the street were literally covered with birds. I looked closer and found them to be Pine Siskins. I had not seen any since last spring at Council Crest in Portland, with Mr. Gilbert. It so happens that there must have been hundreds of Robins in the town also because I walked out into the vacant lot behind our house and the whole piece of ground seemed to get up and fly away. It was a regular cloud of Robins. Later I rode my bike around town and they seemed to be just as thick all over the town. You guess how many there were !

Woodburn, October 26, 1940 Chestnut Grove and St. .Luke's Cemetery.

Weather was rather hazy and sultry.

White-breasted Nuthatch
Robin
Towhee
Junco
Western Bluebird
Varied Thrush
Chickadee
Flicker
Waxwing
Gardiner Woodpecker
Seattle Wren
Killdeer
Meadowlark
Blackbird
Ruby-crown Kinglet
Song Sparrow
Golden-crown Kinglet
Stellar Jay

The area around the Cemetery was overrun with Western Bluebirds and Juncos.

November 1, 1940 Corvallis Library Quadrangle Fog and Rain

The following birds were seen within 5 minutes on the Library Quadrangle.

Golden-crown Kinglet
Robin
Towhee
Blackbird
Song Sparrow
Cedar Waxwing
Varied Thrush (7)
Brown Creeper (Cal.)
Chickadee
Pine Siskin (lots of them)

October 27, 1940
Jack's Bridge Foggin' and Clearin' Rather Chillin'
Virgil Lamb and I. 7:30 to 11:00

Blackbird
Flicker
Stellar Jay
Valley Quail
Golden-crown Kinglet
Kingfisher
Varied Thrush
Red-tailed Hawk
Junco
Bob White Quail
Song Sparrow
Towhee
Winter Wren
Red-breast Nuthatch
Western Bluebird

English Sparrow
Robin
White-crown Sparrow
Seattle Wren
Meadowlark
Killdeer
Crow
Mourning Dove
Goldfinch (G-B.)
Chickadee (Oregon)
Red Head Sapsucker
Purple Finch.
Sparrow Hawk

We saw swarms and swarms of Blackbirds along the fields as we were coming back to Woodburn. Oh yes, I forgot to say that the fog was so thick when we went out in the morning I didn't dare go over 25 miles an hour because I couldn't see.

We saw several varied Thrush. This is the first time that Virgil has seen them.

One of the big surprises of the day to me was to see a White-Crown Sparrow setting on the top of a fence post. There were 4 of them altogether.

On the way back we stopped off at the Housewart Nursery and got to see the first Purple Finch of the Season. Also heard a Meadowlark giving a call that certainly was not the Meadlowlark call that everyone is accustomed to. There was a small gray bird in the nursery that we did not get to identify. It flashed a fan of white tail feathers when it flitted from one bush to another.

We must have seen more tha~~t~~n a dozen Sparrow Hawks this morning. There seemed to be one on every post along the road.

Saw quite a few Bluebirds. There has been a lack of them this summer but they are here now.

A whole swarm of Killdeer flew across in front of us and lit in a plain dirt field and then they were lost from our sight.

NOTE NOTE NOTE NOTE

November 9, 1940 Woodburn, Oregon, Foggy and cold.
In my own yard in the afternoon.

My famous X-Bird as I have been calling it is nothing more that a VARIED THRUSH !

After all this time I should find out what it is right in my own yard is really astonishing.

November 21, 1940
(F.D.R.'s Thanksgiving)

Pudding River. Weather Clear and Cold. 30°F. 8:30 to 10:30 A.M.

Flicker
Rusty Song Sparrow
Oregon Chickadee
*Golden-crown Kinglet
Junco

Slender-bill Nuthatch
Sharp-shinned Hawk
Winter Wren

Harris Woodpecker
Stellar Jay
Varied Thrush
Killdeer
Crow

Towhee
Seattle Wren
Meadowlark

**Ruby-crown Kinglet
***Bush Tit
California Creeper
Red-breast Nuthatch
~~Yellow-~~ Red breast Sapsucker

Blackbirds chasing a
Sparrow Hawk
Chestnut-back Chickadee

* Many of these birds roving through the branches of the coniferous trees this morning.

** These were ranging through the lower bushes and trees with the

***Bush Tits. These bush tits had black bills like the ones that I saw in such large numbers in Oak Creek Canyon in Corvallis but they were definitely a much lighter gray color on top. The ones I saw in Oak Creek Canyon were a blue or lead gray color in comparison to those I saw at Pudding River. They were flitting through the Hazel brush and inspecting every twig and branch on each bush. They hung Chickadee fashion from the branches many times. All the time uttering a high pitched squeek.

November 24, 1940

On highway between Monmouth and Corvallis. I had my first close-up view of a Red-tail Hawk. It was sitting in a 20 foot high tree in a fence row within 50 feet of the highway. We slowed down and stopped to look at it. The underside, as it faced us was a white or gray color flecked with brown. This area was bordered by rather a red-brown or golden-brown color. I could see the red bar on the tail and the darker brown upper parts.

November 25, 1940

Today, as I walked between classes here at school I noticed a prevelance of Chestnut-backed Chickadees. I had not seen them so close to civilization before today. Also Golden-crown Kinglets.

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(F.D.R.'s Thanksgiving)

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Flicker
Rusty Song Sparrow
Oregon Chickadee
*Golden-crown Kinglet
Junco
Harris Woodpecker
Stellar Jay
Varied Thrush
Killdeer
Crow
**Ruby-crown Kinglet
***Bush Tit
California Creeper
Red-breast Nuthatch
~~Yellow~~-breast Sapsucker

Slender-bill Nuthatch
Sharp-shinned Hawk
Winter Wren
Towhee
Seattle Wren
Meadowlark
Blackbirds chasing a Sparrow Hawk
Chestnut-back Chickadee

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November 25, 1940

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December 7, 1940
Corvallis Corvallis City Park
Mary's River

Eldon and I

Weather: Clear with small breeze and about 50°

Flicker
Rusty Song Sparrow
Two Mallards
Winter Wren
Bush Tit
Blackbird
Golden Crown Kinglet
*Gardiner Woodpecker
Ruby-crown Kinglet
**California Purple Finch
Seattle Wren
Robin
Oregon Chickadee
Varied Thrush
Chestnut-back Chickadee
Valley Quail***
Oregon Towhee
~~Vesper Sparrow~~

* I had a chance to observe this one at close range, so here is a description as I saw it: The head has 2 black stripes running from the base of the bill, through the eyes and around to the back of the head where they join. There is also a black band going from the base of the bill to the junction of these other two stripes over the very top of the head. Also there are two band running lower down around the throat to the back of the head. All the rest of the head was white or gray white. Evidently this was a female as there was no red patch at the back of the head. There were black and white bars across the under side of the tail of the bird. Each band being about $\frac{1}{4}$ of an inch wide. There is also a large white patch between folded wings on the back. The wings had some white spots. The call note is a singular high note. This bird was about 6 inches long. It started at the bottom of the tree and worked part way up and then flew to the bottom of the next tree.

** We came to one spot just down stream from the swimming hole where there was an Ash tree literally alive with birds. There were Kinglets, Chickadees, Bush Tits, and a larger bird: These birds were up in the top of the Ash tree eating the thousands of single samara seeds that were left hanging there after the leaves were gone. They would pluck off a single samara and ~~to~~ get the seed end in there bill and work it around until they had gotten the seed out and then they would drop the winged part whirling to the ground. Description: Large and stout bill. Most of them, females w~~h~~ere of a generally light brown color with darker stripes running lengthwise on upper and lower sides of the body. Saw a few males: Had a rose-purple blotch on the top of the head above the eyes. The rest of the head and shoulders or chest were tinted with a purple color. The breast and under parts ~~and~~ are streaked, but from the legs on back there is a clear buff color. Yellowish color bill. The females looked very much like a common sparrow.

*** We walked into a open glade in the woods and surprised a small band of Oregon Valley Quail. They froze and we had a good opportunity t observe their varied markings.

December 13, 1940. Weather was clear and very cold (38°F) Noon.
This noon I happened to look out of my 26th street window and saw a bird flying towards a tree across the street. It would fly about 3 or 4 feet straight up (or a little bit forward) and then go into a"stall", fold its wings and drop down 2 or 3 feet. It repeated this performance several times above the tree and finally came to rest in one of the uppermost branches. It stayed there for about 15 minutes. It was a Northern Red-breasted Sapsucker.

December 22, 1940

Pudding River, Weather Warm, Clear.

The river is way up to what it was about one month ago. There are not many birds but I did see the usual ones.

Gardiner Woodpecker
Seattle Wren
White-breast Nuthatch
Oregon Chickadee
Stellar Jay
Song Sparrow
Meadowlark
Varied Thrush
Ruby-crowned Kinglet
Golden-crown Kinglet
Junco
Towhee
Flicker
Sparrow Hawk

December 24, 1940 8 A.M.

This morning as I was sitting down eating breakfast I looked out the window to the food table I had made and I saw a stranger. A bird chickadee-size (about) light buff underneath striped with brown. There was a bright yellow patch under the chin, rather large. Also two more bright yellow patches on the chest. ~~Is~~ It was an Audubon Warbler in winter plumage.

January 5, 1941

Corvallis, Oregon. Weather: Cold wind, rain, sunshine, very irregular.

Eldon and I went out to the hills just north and west of Uncle Bob's house. These hills didn't have much cover as they were just Oak trees, poison oak, and scotch broom. Sheep ran on part of them. There were creeks in the bottoms between the hills.

Birds seen were:

*Sparrow Hawk
Flicker
Robin
**Western Bluebird
Towhee
Killdeer
Junco
***Lewis Woodpecker
Oregon Chickadee
Slender-billed Nuthatch
China Pheasant (3)
****Wilson Snipe
*****Dusty Horned Owl
Meadowlark
Seattle Wren
6-Golden-Crown Kinglet
Brewer's Blackbird
Cooper Hawk

* On the way to the hills I saw a Sparrow Hawk swoop in a dive to the ground about 25 feet ahead of us. It missed whatever it went after and climbed to gain altitude and then it hovered over that spot for awhile. Then it glided down wind about twenty feet and hovered above another spot. At this time it went for 3 or 4 seconds without moving its tail or wings and stayed in one place. First time I have ever seen one stay in one spot without wingbeats.

** On the top of the first hill we scared up a whole flock of Western Bluebirds. There must have been 75 to 100 of them. There were Juncos with them.

*** I saw the first Lewis Woodpeckers that I have seen for some long time. They were flying from the top of one hill to the other.

**** As we were returning to the road we walked by a small lake in an adjacent field when all of a sudden, WHAM !and a Wilson Snipe jumped up and twisted its way across the field to the edge of a slough. We through rocks over there and scared it up again. It flew towards a telephone pole about 10 feet above ground and just before it got to the pole it flew straight up and then over the pole and then it circled back to still another small pond.

***** As we were hiking down a small valley literally filled with swamps, sloughs, etc. I looked up in time to see a Dusky Horned Howl circle out from a clump of Mistletoe-covered Oaks and slowly flap its way over the crest of the hill and disappear.

****** There was one place in the valley mentioned above where the bushes were alive with Golden-crowned Kinglets, Seattle Wrens, and Chickadees. The stripes on the head of the Kinglets were very predominant.

Also saw a Hornet's Nest in a Sweet Briar Bush.

Note: Feb. 6, 1941 ~~Var~~Western Evening Grosbeak flock in Corvallis

Jack's Bridge
February 9, 1941 Weather cold, cloudy, windy, and rainy. Overcast.

Cooper Hawk
Blackbird
Bluebird, West
Robin
Junco

Rusty SongSparrow
4 Chestnut-back Chickadee
Flicker
Winter Wren
*Pileated Woodpecker

Meadowlark
**Horned Owl
White-breast Nuthatch
Crow
***Coast Bush Tit

Golden-crown Kinglet
California Creeper
5 Harris Woodpecker
Gardiner Woodpecker
Sparrow Hawk

6 Mourning Dove
Killdeer
White-crown Sparrow
English Sparrow
Varied Thrush

* We had just a passing glimpse of him this time as he flew across a clearing between two patches of woods on the other side of the creek. We heard him call several times after that, however.

** We scared up this horned owl again in about the same place we did before Christmas. I still haven't gotten to see one on the set.

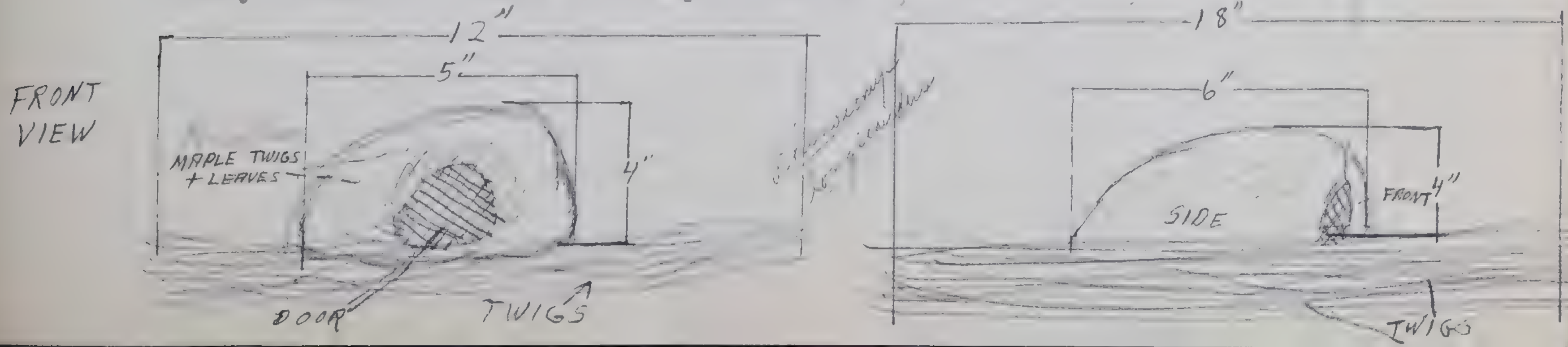
*** There were lots of these bush tits all round us on several instances. They would come within 5 or 6 feet of us. Golden-crown Kinglets were flying with them.

4 There were more Chestnut-back Chickadees in the woods today than I have ever seen before at one time.

5. There was a pair of Harris Woodpeckers in an Oak tree and they were so busy at their rapping and tapping that we got just as close as we could to them, and still not be up in the tree. There plumage seemed to be in excellent condition for this season of the year. A little later on we saw a pair of Gardiner Woodpeckers chasing each other around in the Oak tree and acting very much as if spring were here. However, I think it is a little early for that.

6. We saw a flock of Mourning Doves numbering about 60 or 70.

Within a quarter of a mile of the car I spotted a pile of twigs about ten feet up in a fir tree. They had rather a odd shape and so I jumped up and got hold of the limb and pulled it down. Virgil Lamb took a long stick and poked the nest off the limb. I found that it had a roof over it and the entrance hole was in the side of the dome. The base foundation was made up of 1/8" twigs that were a foot and a half long and laid crosswise so as to not fall apart. The dome and floor, and side of the main part of the nest seemed to be made of maple leaves and a few fine sticks. The inside was very finely formed and lined with maple leaves.



MacDonald Forest Aboretum - South End

February 15, 1941   Weather clear, warm, slight breeze, no clouds.

Eldon and I took a 10 miles, roundtrip, hike over Cemetery Hill and on out and up to the top of the highest bald peak.

Birds seen were:

Robin
Golden-crown Kinglet
Killdeer
Meadowlark
Towhee

Varied Thrush
Pileated Woodpecker

Rusty Song Sparrow
White breasted Nuthatch
Audubon Warbler
Seattle Wren
Common House Wren

Western Redtail Hawk
Junco

China Pheasant
Sparrow Hawk
West. Bluebird
Flicker
Turkey Buzzard

Blackbird

Also saw the first butterflies of the season:

Two pairs of Tortoise varieties flying after each other
A single specimen of Mourning Cloak that looked very fresh, as if it were just out of the cocoon.
Quite a few of these little wood millers or wood moth that fly up off the ground

We had a grand hike and spent some time in the deep forests looking at various types of fungus and looking for snail shells.

Coral Fungus (Young)
Morella

A translucent type--Trema--- ----?

[illegible]

February 22, 1941 2 P.M. to 5 P.M.

Trip with Corvallis Bird Club, in Elmo Stevenson's Car.
We went through the country east of the town of Corvallis.
Circled clear over to the Albany - Eugene highway.
Weather rather hazy with some clouds.
Birds Seen:

Flicker
Valley Quail
Killdeer
Robin
Slender-bill Nuthatch

Ruby-crown Kinglet
Sparrow Hawk
Junco
China Pheasant
3.Pipit

Mourning Dove
Seattle Wren
10Golden Crown Sparrow
11White Crown Sparrow
12Green-back Goldfinch

Golden-crown Kinglet
Meadowlark
Oregon Chickadee
1.Long Tail Jay(Calif.)
Rusty Song Sparrow

4.Horned Lark
5.Burrowing Owl
6.N.W. Redwing
Western Bluebird
English Sparrow

North. Red-breast Sapsucker
Western Evening Grosbeak

Brewer Blackbird
2.Pied-Bill Grebe
Audubon Warbler
Oregon Towhee
Red-tail Hawk

7.Coot
Mallard
Wilson Snipe
8.Marsh Hawk
9.Amer. Rough Leg or
Young Golden Eagle

1. The first I had seen this year. We saw five of them altogether.

2. This Grebe was on small lake near highway east of Willamette River going to Albany. It would dive for 2 minutes or better, it seemed.

3. There were lots of Pipits in the green fields--the first I have ever seen.

4.

Horned Lark, I didn't see, but Prof. Gorden saw them

5. This Burrowing Owl was in a moldy hay stack in a field. Gordon went around it and flushed it toward us.

6. First N.W. Redwings of the year. They were with Brewer's Blackbirds one time, and I saw others alone.

7. First coot I have ever seen on a river. All black. White on head.

8. Flying lazily and low along the course of a slough that ran through a pasture. White underneath. Fairly large.

9. Saw this bird sitting on a low tree near the road. It was a great deal larger that the Red-Tail Hawk. General brown color with a grayish patch on upper base of tail. It must have had a wing-spread of five feet. When on the set, I noticed that it looked like it had an eagle's shaped head.

10. & 11. The Golden Crown and the White Crown Sparrows were all together in one fence row that we came to. The young were a rich brown with speckled back.

12. First Green-back Goldfinch since the first of the year.

47

Corvallis February 25, 1941
From 69 North 26th to the Poultry Building. Weather.Breezy and clear.
Time: 2 P M

Birds seen:

Robin
Varied Thrush
Chestnut-backed Chickadee
Song Sparrow (Rusty)
Meadowlark
Flicker
Audubon Warbler
Golden-crown Kinglet
Oregon Chickadee
Junco
Seattle Wren
Sparrow Hawk
Bluebird (western)
English Sparrow
Killdeer

Sharp-shinned Hawk
Purple Finch
Western Evening Grosbeak: I sat right in the middle of a flock of them for five minutes or better. It was on the street side of Hawley Hall. There were 30 or 40 in the flock. Some of them came within 2 or 3 feet of me as I sat on the fender of a car. They were very busy extracting the seed from the Maple Samara that were lying on the ground and in the gravel at the edge of the road. All the time several would be coming in to land as others were flying to the trees. All the while they were giving that very familiar "churring" and squeaky note of theirs.

The male specimens were very dark in general body color, especially on the top of the head and the neck and along the back. The underparts were more olive color. There is a wide gold bar above the eyes on the forehead, which showed up very distinctly against the black of the head. The anterior margin, the coverts, and the primary feathers were all black and the secondary wing feathers were a very clear and bright white. These Grosbeaks have a very heavy and big beak which is yellow.

February 27, 1941

Hike from 3 to 4 on college farm west of here.
Walt Monroe went to take a game bird census.

Audubon Warbler
Varied Thrush
Robin
Meadowlark
Wilson Snipe, 11

China Rooster, 9
China Hen, 8
Killdeer
Blackbird, 75
Crow, 4

Vesper Sparrow, 21
Flicker, 9
Cooper Hawk, 2
Sparrow Hawk, 7
Cal. or Long-tail Jay, 5

Golden Pheasant, (?) !--On private farm.
Oregon Chickadee
Golden-crown Kinglet
Rusty Song Sparrow
Ruby-crown Kinglet

Oregon Towhee
California Purple Finch

March 7, 1941

From Corvallis Airport to Corvallis along East Bank of Mary's River.
Eldon and I   Weather was clear and a slight breeze   partly hazy.

Sparrow Hawk
Flicker
Robin
Pheasant
Meadowlark

Horned Lark
Wilson Snipe
Crow
Killdeer
Mallard

Western Red-tail Hawk
White-breast Nuthatch
Oregon Chickadee
swarm of Pipits
Bush Tit

Long-tail Jay
Ruby-crown Kinglet
Seattle Wren
Rusty Song Sparrow
Golden-crown Kinglet

Varied Thrush
White-crown Sparrow
Pine Siskin
Harris Woodpecker
Northern Red-breasted Sapsucker

Ruffed Grouse
Oregon Towhee
Oregon Junco
Western Bluebird
Green-back Goldfinch

Brewer Blackbird
English Sparrow
Vesper Sparrow
Violet-green Swallow

Trilliums were coming up nicely-- Wood Violets (yellow) were in full bloom

We treed a gray-digger and Eldon took a picture about 4 feet away from it.

March 9, 1941

Along Brook Lane   at 7:30 to 8:30 A. M. Weather clear and bright.

Junco
Long-tail Jay
Hummingbird (2)
Towhee
English Sparrow

Flicker
Robin
Rusty Song Sparrow
Western Bluebird
Seattle Wren

Oregon Chickadee
Audubon Warbler
China Pheasant (16)
Blackbird
Vesper Sparrow

Red-breast Sapsucker
Violet-green Swallow (As I was typing out this report I looked out the window
 and there was one flying around the house.)

Right by the [illegible] I saw my first hummingbird of the year. It hovered over a bush for a few seconds. About 30 minutes later at a different place I saw another fly right over my head.

March 11, 1941

Saw the first buzzards of the season. There were lots of them between Jefferson, Oregon and Corvallis. I lost count after ~~th~~ I had seen twenty ~~o~~six of them. Some were along, several in small groups, and they were all flying very low as they went north. I didn't see any more than 30 or 40 feet above the ground. They were flying in small circles.

March 15, 1941 Woodburn, Oregon -- Around town.
Weather was clear and warm

Birds Seen:

Robin
Rusty Song Sparrow
Green-back Goldfinch
Harris Woodpecker
Violet-green Swallow
Towhee
Crow

Hummingbird
Brewer's Blackbird
English Sparrow
Oregon Chickadee
Varied Thrush
Killdeer

Junco
Audubon Warbler
Meadowlark
Seattle Wren
Slender-bill Nuthatch
Flicker

March 16, 1941 Pudding River on Mt. Angel Highway.

Rusty Song Sparrow
Robin
Violet Green Swallow
Flicker
Lutescent Warbler

Hummingbird
Red-breasted Sapsucker
Seattle Wren
Towhee
English Sparrow

Audubon Warbler
Stellar Jay
American Ferr. or Rough-leg Hawk
Slender-bill Nuthatch
Golden-crown Kinglet

Vesper Sparrow
Varied Thrush
Meadow Lark
Long-tail Jay
Brewer's Blackbird

Horned Lark
Junco
China Pheasant
Western Bluebird
Killdeer

March 19, 1941

Windy, cloudy, and clear.   Payzant's Woods   1:30 to 3:30 P.M.

Winter Wren
Gairdner Woodpecker
Ruby-crown Kinglet
Sparrowhawk
Golden-crown Kinglet

Flicker
Valley Quail
Rusty Song Sparrow
Robin
China Pheasant

Violet-green Swallow
Western Bluebird
Wilson Snipe
Meadowlark
Killdeer

Brewer Blackbird
Rufous Hummingbird
Crow
Junco
*Band-tailed Pigeon

Pipit
English Sparrow
Horned Lark
Slender-bill Nuthatch
Great Blue Heron

Red-breast Sapsucker
Towhee
Seattle Wren
Oregon Chickadee
Stellar Jay

The first one that I have ever seen. It was perched in an Ash tree about twenty feet above the ground. It looked almost twice as large as the Mourning Dove. The underparts were a pale red or pinkish shade. There was a whiteish bar around the rear base of the head. Under side of tail was white and upper part gray. Upper body seemed to be blue-green or similar.

March 30, 1941

With Bob Bigelow, Eldon Payzant, and Walt Munroe to Agate Beach.
Weather: Breeze and overcast. Sun didnot shine much. Cool.

Birds seen.

Varied Thrush
Crow
Barn Owl
Robin
Brewer Blackbird
7China Pheasant
Junco
Flicker
Rusty Song Sparrow
Meadowlark
Violet-Green Swallow
Coot or Mudhen
Raven
Buzzard (7)
6White-wing Scoter

5Harlequin Duck?
4Cormorant
Winter Wren
8Sea Lion
Sparrow Hawk
1Herring Gull
2Glaucus-wing Gull
3~~Phalarope~~ Black Oyster Catcher
Loon

Descriptions:

1.Herring Gull:
Head, neck, breast and belly underparts a clean white
The bill is orange in color
The wings are a steel gray color and secondaries are white, primaries are black. When the wing is folded, black and white specks show at wing tips. When wings are spread they are fringed in white except fore margin and the distal 4" of the wing is blacker than the common steel gray of the remainder of the wing. Under side of the wing is chiefly white with dark gray and black nearer the distal end of wing.
Legs are pinkish red and the feet are webbed.
Bills are opened wide when the laughing call is given.

2.What I will call the Glaucous-wing Gull is as large or larger than the Herring Gull. It is a dirty brown-tan-or gray color. The bill is black. Legs too. The color seems to be uniform on the body and lighter on the head. The color is mottled or flecked somewhat. I'll check up. The call was a jeep --- jeep --- jeep -

3.I saw one pair of birds perched with a Herring Gull. They were one-third to one-half the size of the gull. The body was a dark sooty brown black. Uniform throughout as far as I could see. The bill seemed to be #/3" or 4" long. Very thick and was a bright red color. When theyflew their wingspread seemed to be one foot to one and a half feet.

Oyster Catcher

4.On a rocky island there were a lot of black birds with long bodies with the feet seemingly set at the posterior end of that body. The neck was long and they always sat straight up except when picking or preening themselves. They seemed to prefer to perch on small projections on a cliff-like slope. These seemed to be all black when set, but when they fly a white-rump patch shows. In coming in for a landing on an island, say 30 feet high, they circle it and come towards it from a height of 4 or 5 feet off the ocean. They then bank upward on the slope of the island and brake with their wings, checking about 2 or 3 feet above the spot where they drop to light.

Cormorant

Over please to other side of this sheet.

5. As near as I can tell at a distance, these seemed to be dark in color and their heads seemed to have many markings. They did not have a narrow duck head, but more of a Buffle-head type of head.

6. I take these by this name because the bill of the bird seemed to be puffed up in front of the point of joining with the head of the bird. They seemed to be all black except for a narrow white wing patch when folded, and it showed up quite a bit more when the bird flew. It spent most of its time in a sheltered cove riding the swells and diving~~s~~ under for short periods of time.

White-wing Scoter

7. Just to mention this Chink because it was on the lawn in front of the Memorial Union Bldg. in Corvallis when we left at 5:30 this morning. It was a rooster.

8. This sea lion was just out to sea from the islands where the Cormorants, Herring Gulls, Phalaropes etc. were located. It seemed to be palying in the water-- It would raise half out of the water, dive under or into a breaker and float up on the other side.

The birds I saw for the first time were Cormorant, Herring Gull, Phalarope, and a large band of small sea birds that we didn't get a good glimpse of. They were white beneath.

April 6, 1941

With Chuck Cutress on short hike around Cemetery Hill 8:30 to 11:30 A. M.
Weather cloudy, windy, cold, and rainy

Birds Seen:

Robin
Puget Sound S parrowl.
Violet-green Swallow
Brewer Blackbird
Wes tern Crow

Golden-crown Sparrow
Oregon Towhee
Junco
Oregon Chickadee 5.
Meadow lark

China Pheasants 3.
Rusty Song Sparrow
Slender-bill Nuthatch
Chipping Sparrow 2.
Wes tern Bluebird

Killdeer
Rufous Hummingbird
Flicker
4. ??????[illegible]

1. We saw many Puget Sound Sparrows along the brush rows beside the road.

2. Heard the song before I saw the bird and then took out time to find out what bird was making the call. Before the trip was over we had seen about 15 of them .

3. We saw about 40 or 50 pheasants today (My es timate.)

4. Then there was the small flock of sparrows ? that flashed white when they flew around near the field and the road. Breast was whitish, general body color was a light tan compared to the other sparrows. Crown was striped with dark. Very small patch on the center of the breast.

5. Heard the Chickadee give a new call that neither of us had remembered hearing before today. Tee Tee Tee Tee all the time working down the scale from the higher notes to the lower.

April 4, 1941

The woods near Bob's cow ranch. About a 60-mile gale blowing. Cloudy.

China Pheasant
Oregon Chickadee
Song Sparrow
Winter Wrens
Robin

Pine Siskins
Flicker
Coot.

April 8, 1941
7 AM. [illegible] Weather fine
Saw flock of [illegible] in field [illegible].

April 12, 1941

North Fork of the Mollala   Weather Warm partly cloudy, river breezes.

The report of a Water Ouzel's Nes t I found just around the bend about 100 feet ~~from the~~ and do wns tream from the suspension bridge above the logging cabins. The nest was on the east bank of the ~~p~~ river. It was about 7½ feet above the water's edge and well hidden in the moss that covered the upper reaches of the bank. The nest was buried deep in the rock and moss. The opening to the nest was on the bottom and side. About17" below this opening was a small ledge on which the parent birds lit. This ledge and the nest opening were both under an overhanging projection of the bank. The hole and nest were lined with moss materials and within the nest were three or four (I am not certain which because I did not reach in the nest, but counted only what I could see) young Water Ouzels. They were just slightly smaller than a young robin when it is about ready to leave the nest.

I watched the nest from close by for some time and I noted that the worms, insects etc. that the parents brought (for both of them fed the nest) had to be washed in the water before being taken up to the nest. The food was held in the bill and then the head was twis ted from one side to the other in the water. From ~~the~~ washing the food, the birds flew directly to the ledge below the nest. Each time food arrived at the nest here was a great deal of twittering from the young.

After a while I moved in clos e to the nest while both parents were gone. I remained motionless, but even then they detected me when they returned. The female returned alone and hopped around on a rock in midstream and then flew to the water's edge about three feet from me. Then she went to the rock in midstream and gave what must have been an alarm note, for almost immediately her mate came upstream and they talked to each other and then both of them defiantly took it upon themselves to scold me. I left the s pot for I didn't want to keep them from bringing food to their young.

This alarm note I mentioned went this way:

Sever short and high notes with a rasping trill at the end. The female gave this call just twice.

Also saw Harlequin ducks and canvasback ducks.

[illegible] 19-1941 — Found [illegible] South Fork [illegible] Had young [illegible]

April 13, 1941

Birds seen in Kirsch's Woods

Chipping Sparrow
China Pheasant
Rusty Song Sparrow
Robin
Meadowlark
Valley Quail
Sparrow Hawk
Junco
Towhee
Violet-green Swallow
Bush Tit
~~Cottontail~~ Rabbit.

The [illegible] song that [illegible] [illegible] [illegible] in [illegible] this winter.

April 20, 1941
Woods and road at west end of Peoria Ferry. 8:30 to 10:30 A.M.
Corvallis [illegible] Weather perfect.

Pine Siskin
2Lutescent Warbler
Rusty Song Sparrow
3Western Evening Grosbeak
Violet-green Swallow

Oregon Junco
4Puget Sound Sparrow
5Mourning Dove
Chipping Sparrow
7Golden-crown Sparrow

Slender-bill Nuthatch
Gardiner Woodpecker
Oregon Chickadee
~~China Pheasant~~ -
Rufous Hummingbird

Flicker - [illegible]
Robin
Purple Finch
Cooper Hawk
Great Horned Owl

Sparrow Hawk
Pacific Yellowthroat
Oregon Vesper Sparrow

China Pheasant
Brewer Blackbird
Western Meadowlark
English Sparrow
Turkey Buzzard

6Cassin Vireo
Audubon Warbler
1Townsend Solitaire
Long-tail Jay
Oregon Towhee

Ruby-crown Kinglet
Seattle Wren
Western Bluebird
8Long-tail Chat
9Wood Duck

Northern Red-breasted Sapsucker
California Creeper
10Band-tailed Pigeon
Killdeer
11Great Blue Heron

Green-back Goldfinch
[illegible] Jay
House Finch

Mary's Peak
Apr. 20, 1941 4 - 6 PM
Weather Perfect.
Birds seen, not seen on AM hike
1. 4 strings Branta canadensis going north
2. Winter wren
3. Oregon Ruffed Grouse
4. Golden-crown Kinglet
5. Yellow Warbler
6. Sharp-shinned Hawk
7. Clarke Nutcracker
8. Crow
9. Red-breast Nuthatch
10. Red tail Hawk
11. Varied Thrush
12. Mountain Quail
also saw about 100-150 Band-tailed pigeons on edge of timberline on M. P.
Saw Puget Sound Sparrows & 3 or 4 [illegible] [illegible].
There were lots of Humming Birds in the mountains in this area.

This makes 58 different birds seen on 4/20/41
[illegible]!

1 Townsend Solitaires 4 or 5 of them Very tame. They hung around the lower limbs of the trees (Ash) Would drop to the ground and immediately fly up again. The white ring around the eye, the white wing bars, and the white edges on the tail were prominent. Bill was rather wide.
2. Lutescent warbler seen in hawthorne tree across street from here.
3. Western Evening Grosbeaks were seen in the elm trees on the campus.
4. Saw many, many Puget Song Sparrows today.
5. Saw two single Mourning Doves, along the road.
6. Cassin Vireos were the first I had seen and heard this year.
7. Saw just one pair of Golden-crown Sparrows along the road.
8. This was the first Long-tail Chat I have ever seen. [illegible] a look at him, but I would know him and his call next time.
9. First live, wild Wood Ducks I have seen, and that was about 8 of them today.
10. Saw nearly 25 Band-tailed Pigeons in the woods today.
11. Saw this Great Blue Heron in the top of a fir tree. It [illegible].

4/21/41
6 - 6:15 AM
Meadowlark
Robin
Bob White
V. G. Swallow
Puget Sound Sparrow
English Sparrow
China Pheasant
Cal. Purple Finch
Willow Goldfinch
Pine Siskin
Audubon Warbler
Sparrow Hawk
[illegible]

April 18, 1941 Weather perfect. Oak Creek 4:30 p.m. 13

Varied Thrush
Robin
Junco
Pine Siskin
Willow Goldfinch
China Pheasant

Western Evening Grosbeak
Violet-green Swallow
Meadowlark
Killdeer
Brewer Blackbird
Rusty Song Sparrow

Avery Park - 4/26/41 4-5 PM
Chipping Sparrow
Rusty Song Sparrow
Gardiner Woodpecker
Robin
China Pheasant
Creepers
Cassin Vireo
Violet-green Swallow
Wood Duck
2 [illegible] Hawk

April [illegible] - [illegible]

April 27, 1491

Corvallis bird club to Newport for hike with Portland Audubon Society. Left Corvallis at 5:30 a.m. Cloudy. Newport at 7 a.m. [illegible] and that way all day. Birds recorded below were seen on hike, and to and from Newport and Corvallis. Chief people on the trip were Stanley Jewett, Ed Averill, Mr. Crowell, Elmo Stevenson, and a Mr. Farwell, Yosemite Park Naturalist for the past 20 some years. He could sure imitate bird calls near to perfect. Jewett knew his shore birds O.K. Had a grand time today !
Here's what we watched all day. Hike broke up at noon.

Main rarities were the American Scoter, Brown Pelican, and Snowy Plover. Those underlined, I had never seen before:

Mourning Dove
China Pheasant
Cassin Vireo
Turkey Buzzard
English Sparrow

Purple Martin
Vesper Sparrow
Western Bluebird
Green-backed Goldfinch
Oregon Junco

Willow Goldfinch
Northwestern Redwing
Barn Swallow
Cliff Swallow
Winter Wren

Audubon Warbler
Red-shafted Flicker
Western Robin
Chipping Sparrow
Violet-green swallow

Band-tailed Pigeon
Rufous Hummingbird
Brewer Blackbird
Stellar Jay (Coast)
White-winged Scoter

American Scoter
Surf Scoter
Seattle Wren
Wren-tit
Black Brant

Killdeer
Golden-crowned Sparrow
Tree Swallow
Great Blue Heron
Puget Sound Sparrow

Harlequin Duck
Pileolated Warbler
Western Gull
Western Sandpiper
Least Sandpiper

Red-backed Sandpiper
Western Crow
Lesser Scaup duck
Coot
Buffle-head

California Brown Pelican
Horned Grebe
Western Grebe
Holboel's Grebe
[illegible]

Glaucous-winged Gull
Pine Siskin
Baird Cormorant
Farallon Cormorant
Bonaparte Gull

Black Turnstone
Rusty Song Sparrow
Snowy Plover
Lutescent Warbler
Black-throated Gray Warbler

California Purple Finch
Ruddy Turnstone (Lighthouse)
Long-billed Dowitcher
Gairdner Woodpecker
California Creeper

Western Meadowlark
Long-tailed Jay

67 Species total.

Scoters: White-wing has large white wing patches that show when it flies.
"Surfer" has a white patch down back of head and neck.
American has no color except for a yellow bill

Cormorants: Baird's has a white patch on each hip which shows when flying
Farallon is plain black-brown and has no white patches.

Turnstones: Blacks show gay white design when in flight and are dark brown above.
[illegible] [illegible] gray [illegible]. (In bay just north of [illegible])

Grebes: Horned has reddish on sides of head with crest behind. Other head color too.
Western has thin white neck and side of head with black crown etc.
Holboel's had white patch on side of face but rest was darker than Western.

Sandpipers: Red-back is larger than others, ruddy back and black belly.
Least is very small and light underparts. Hard to tell from Western.

Snowy Plover: Seemed to be nesting. Small, and male clear cleaner white on body than female. Small body with long legs.

Tree Swallow: Found 2 pairs that were building nest or had young.

[illegible], 1941 ----Anthony's Green Heron two of them at Avery's Park. 4:30 ;.p.m.

April 28, 1941 72

5 p.m. Saw 4 separate Pileolated Warblers on the ~~four~~uppermost branches of 4 different elm trees.

Also heard bird with high treble trill ending in 3 distinct low notes.

Check up on Williamson or Red-naped Sapsucker seen on Elkhorn and on Butte creek about a year ago. ?

May 7, 1941. Botany field trip to Golf course-brook lane. Raining. 73

Towhee
Robin
Flicker
Western-evening Grosbeak
Puget Sound Sparrow

Rusty Song Sparrow
Cassin Vireo
Junco
Brewer Blackbird
Goldfinch
Black-throated [illegible]

Chipping Sparrow
Slender-billed Nuthatch
Violet-green Swallow
China Pheasant
Ruby-crowned Kinglet

Crow
Rufous Hummingbird
Lutescent Warbler
Tree Swallow
Pine Siskin

May 8, 1941 Bob's ranch on Brook Lane Weather clear, 6 - 7 a.m. 74

Robin
Pine Siskin
Flicker
Western Evening Grosbeak
Violet-green Swallow

Winter Wren
Oregon Chickadee
Yellow Warbler
Harris Woodpecker
Pileolated Warbler—new to me

Vesper Sparrow
Crow
Long-tail Chat—new to me
Mallard Duck
Red-breasted Nuthatch

Brewer Blackbird
Lutescent Warbler
China Pheasant
Rusty Song Sparrow
Valley Quail

Seattle Wren
Slender-bill Nuthatch
Audubon Warbler
Long-tailed Jay
Meadowlark

Rufous Hummingbird
Chipping Sparrow
~~Western~~ Great Horned Owl
Cassin Vireo
Wood Duck

Oregon Towhee
Warbling Vireo—new to me
Bob White
Green-backed Goldfinch
Anthony Green Heron

The first Warbling Vireos I had ever seen, gray below with white line above the eye. Many of them.
Lots of Pileolated and Yellow Warblers.

Also heard the whichitee, whichitee, whichitee bird????
Pacific Yellow-throat

One pair of long-tailed jays in the vicinity.
Lots of winter wrens and hummingbirds.

May 10, 1941 6 - 8:30 A.M.
Weather perfect.
SWAMP SOUTH OF CORVALLIS — 12 MILES

Sharp-shinned Hawk----perched on a southwest cornice of the Home Ec Building. M
Robin----On nest at SW corner of Ag Bldg. and feeding in open plowed field. F
Pine Siskin--Feeding in the elm trees M & F
Meadowlark--Perched on a fence post singing. M & F
5 Rusty Song Sparrow--In lilac bush by Snell Hall singing. M
Western Evening Grosbeak--Feeding on elm samara on the ground. M & F
Chipping Sparrow--probing leaves of elm tree by Home Ec Bldg. M
Violet-green Swallow---Everywhere flying and perched.
Warbling Vireo--In maple tree at corner of Jameson House, feeding in leaves. M
10 Horned Lark (Streaked)--On fence posts on highway to swamp.
Willow Goldfinch--Hopping around in tree behind hunter's shack.
Western Bluebird--Perched on light wire on highway
Brewer Blackbird--M & F F carrying worms in bill, but would not go near nest.
Lewis Woodpecker--Flew up from plowed field where it was feeding M in full plumage.
15 Northwestern Redwing--M & F There are 100's of them. At the swamp. They extend their red patches separately.
Bob White--Feeding in wheat field near the road.
Mallard--M & F Several flocks of them and also one flock of 12-15 young.
Great Blue Heron--Flew north over marsh as we got out of car. Flew very low.
Pintail--Took off as we got out of car. White sides, long neck and tail.
20 Ruddy Duck--Saw several pairs of them swimming in the waters of the marsh.
Coot--saw just one solitary coot swimming in the water and among the reeds.
Barn Swallow--M & F perched on wire--good coloring--deeply forked tail in flight.
Yellow-headed Blackbird--One solitary in reeds quite far out in water. Golden head and shoulders, and breast showed up plainly. Later a M flew over us at about 20 feet distance. Had white patch on fore margin of wings.
Killdeer--scared them up from swamp in middle of gr in field. Flew overhead.
25 Raven--One on fence post on way home on highway. Brewers were around it--pestering.
Oregon Chickadee--Working bark and lichens on oak tree.
California Yellow Warbler--Saw several pairs in the ash tree clumps and heard their song.
Western Tanager--Saw M & F. First I had seen this year. They are beautiful !
Western Crow--Flushed female off nest in ash tree on the border of the swamp.
30 Pacific Yellowthroat--First for me this year. M & F. In ash tree and in fence row.
Turkey Buzzard--One soared above us.
Sparrow Hawk--One hovered over a field and them flew to top of ash tree.
Marsh Hawk--Long wings, long tail, whitish underneath. Very high over marsh.
Virginia Rail--First I have ever seen. Reddish yellow beak 1½-2" long. Top of body brown flecked. Under a rich red or chestnut brown. Black and white bars on under side of body and tail. Long legs, won't fly very far. Easy to flush.

35 China Pheasant--lots of them in the fields
California Valley Quail--In the woods, I saw the look out.
Oregon Towhee--S aw one male scratching in the leaves in the underbrush.
Long-tail Jay--One perched in Ash tree beside the road
Harris Woodpecker--Working the bark on the trunk of a Douglas Fir.
40 Flicker--perched in the top of a young fir tree calling out
CLIFF SWALLOW NEST UNDER BARN EAVE WEST OF GREENHOUSES 5/13/41

To Eastern Oregon with Dr. Elmo Stevenson on May 16 & 17, 1941
Very [illegible], [illegible], [illegible].

Route: To Dufur via Wapinitia Cutoff and then south to Madras and Culver, then west into Deschutes and Squaw Creek Canyon to Camp Sherman, then to Suttle Lake, into snow storm with 6" at Hoodoo summit. South Santiam pass to Corvallis.

Say Phoebe--seen at dusk behind the Dufur high school. Reddish below
Mountain Bluebird--On wire near Say Phoebe. White below and long-winged.
Black-billed Magpie--On Wapinitia Cutoff near flat country. I have one--[illegible]
Western Robin--In a grain field
5 Brewer Blackbird--lots of them
Dusky Horned Lark--on fence posts along road near Maupin
N. Western Crow--Many flying above the rimrock and across the plains
Eastern Sparrow Hawk--many of them hovering over fields and plains
Bullock Oriole--In Dufur and near Tye Ridge Summit in trees. Male.
10 Western Tanager--In valley near Tygh Oregon
Western Kingbird--Yellow below, Gray above, Red crest, white on outer tail, not tipped white
English Sparrow--around some of the barms
Western Meadowlark--On the rails, fences, posts, and wires singing
Violet-green Swallow--Many of them near civilization
15 Lark Sparrow--In the sage along the road, near Madras
Columbian Sharp-tailed Grouse--female, in ditch in flat country near Maupin
Killdeer-- Around green and cultivated lands.
Western Bluebird--Around civilization on fences etc.
House Finch--On fence near Tygh Valley
20 Savannah Sparrow--Along fence row by White River--yellowish with brown
Raven--Many of them around the rim rock; tail is pointed when spread.
Lazuli Bunting--Light blue, reddish-brown and white below. Song like MacGillivary Warb.
Rock Wren--White line above the eye, but much lighted in color than Seattle Wren
R. S. Flicker--Flew from oak tree near road
Pileolated Warbler--In poplar trees along White River
25 Golden Eagle--Female flew from nest in Yellow Pine tree in Tygh Canyon
Western Red-tail Hawk--Watch a pair in'romance' flight about 10 minutes.
Vaux Swift--Many overhead near Tygh Valley. Very swift in flight.
Long-tailed Chat--Had a good look at same place. Great variety of tones and calls.
30 Rough-winged Swallow--No conspicuous throat ring. Shaggy brown above
Wood Pewee--several in trees near Madras--single high note.
Nevada Red-wing--Many in swamp near Madras
Chipping Sparrow--In trees near Tygh Valley
Dipper--Found nest ½ mile above last cabin on White River at bend in river.
35 Spotted Sandpiper--On the sandbar about 50 feet from dipper nest. Also on Metolius.
Turkey Buzzard--Many of them over the country-side
Merrill's Song Sparrow--A variety of the Willamette Valley Rusty Song Sparrow.
Cliff Swallow--On the wing near dry cliffs and banks at Madras
Duck Hawk--On a fence post out of Maupin--distinct black falcon marks showed
lif. or 40 →White-rumped Shrike--Many of them on flats west of Culver, west of Squaw Cr. Canyon
Swainson Hawk--One in flight near highway and one on phone pole too. White chin patch.
Valley Quail--On post in sage brush country. A look out. Near Madras
Ash-throated Flycatcher--In sagebrush in Cow Canyon and also near Madras
Northern Flicker--In Cow Canyon--lighter yellow under the wings etc.
45 Prairie Falcon--Above rimrock and also flying low over sagebrush. 2X as Sparrow Hawk
Brewer Sparrow--Sounded like Chippy but faster, sharper and ending in a trill
Harris Woodpecker--In forest east of Camp Sherman 10 miles. Two of them were nesting
Oregon Chickadee-- Same place as Harris Woodpecker
Shufeldt Junco--Some in the pine forests east of Camp Sherman
50 Slender-billed Nuthatch--There also.

Those underscored are new to me.

May 16 and May 17, 194[illegible]/ with Dr. Stevenson and Fred Evenden, Jr.
to Dufur then south to Madras and the Cove to Metolius and across
south Santiam to Corvallis. Weather cold north and cleared
up on the afternoon of the 17th.

Plants.

✓Sulphur plant
✓Blue Phlox
✓Squaw Grass
✓Yellow Phlox
✓Jim Hill Mustard
~~Lombard Poplar~~
✓Quaking Aspen
~~Silver Poplar~~
✓Black Poplar
✓Rabbit Brush
✓Ponderosa Pine
✓Western Hemlock
✓Pinus ambalcus
✓Amelanchier alnifolia
✓Balsam Root
✓Arnica
✓Ribes Sanguineum
✓Ceanothus velutinus
✓Ceanothus sanguineus
✓Buckwheat family
✓Antelope Brush
✓Black Birch.

Birds:
Say Phoebe
Mountain Bluebird
Black-bill Magpie
Robin
Brewer Blackbird
Horned Lark Pallid
Crow Western
Sparrow Hawk
Bullock Oriole
Western Tanager
Western Kingbird
English Sparrow
Meadowlark
Violet-green Swallow
Lark Sparrow
Sharp-tailed Grouse
Killdeer
Western Bluebird
House Finch
Sparrow, Savannah
Raven
Lazuli Buting
Rock Wren
~~[illegible]~~ Flicker R.S.
~~G.~~N Pileolated Warbler
Golden Eagel
Red-tail Hawk
Vaux Swift
Long-tail Chat
Rough-wing Swallow
Wood Pewee
Red-wing Blackbird Nevada
Chipping Sparrow
Dipper
Spotted Sandpiper
Buzzard
Merrill's Song Sparrow
Cliff Swallow
Duck Hawk
~~White Rump~~ Shrike ?[illegible]
Swainson Hawk
Valley Quail
Ash-throated Flycatcher
Northern Flicker or [illegible]
Prairie Falcon
Brewer Sparrow
~~Harris~~ Woodpecker Modoc
~~Oregon~~ Chickadee Long-tail
Junco [illegible]
Slender-billed Nuthatch
50 species

Mammals:
Gray Digger
Golden-mantle Ground Squirrel
Porcupine
Coyote

May 18, 1941 Swamp 12 miles south of Corvallis.
Weather--practically a cloudburst.

Robin--
Brown Towhee--
Pacific Yellowthroat--In [illegible]
Western Meadowlark--
Killdeer--
Northwestern Redwing Blackbird--[illegible]
[illegible]-blue, [illegible] irregularly
striped a reddish brown. Nest in reeds and about 4" across.
China Pheasant--
Oregon [illegible]--
Bob White Quail--first I've seen for a long time. They ran ahead of us in the road.
Mallard Duck--2 hens and drake. Nest with 6 eggs in it in middle of swamp.
Pintail Duck--One male in brilliant plumage. White up side of neck etc.
Barn Swallow--Deeply forked tail
Great Blue Heron--
Northern Phalarope--Jitterbugs--one way and then another while they were swimming.
Whitish underneath, gray or brown above, with reddish
patches on side or back of neck.
American Bittern--Call was distinctive--like rusty pump.
Tree Swallow--5 of them perched on a dead twig over the water of the swamp.
Tule Wren--Sharp rasping trill with high notes at end.
Virginia Rail--Nest in rushes within 10 feet of road. 9 eggs dirty buff, dark
speckled. Another nest with 4 young and 8 eggs near east side.
Rusty Song Sparrow--
Violet-green Swallow--
Russet-backed Thrush--Sitting in ash tree. Spotted underneath.
Cassin Vireo--
Yellow Warbler--
Wood Pewee-- In ash grow, single high delicate note.
Oregon Towhee--
Crow--
[illegible]
Traill Flycatcher--[illegible]
[illegible]--
Willow Goldfinch
[illegible]--
Cliff Swallow--
[illegible]--
Pine Siskin--
Western Evening Grosbeak--
Red-shafted Flicker--

[illegible] swamp May 24, 1941 9-11 a.m. Weather perfect.

[illegible]

Streaked Horned Lark--On fence post by the road

Chipping Sparrow--Several on wires, posts, and along fence rows.

Western Robin--

Cedar Waxwing--One pair in ash trees along Mary's River just above bridge.

Red-wing Blackbird--Many of them at swamp. Took pictures of three nests, two with 3 eggs in each, 1 with a young in it. Eggs bluish with reddish-brown spots, stripes, etc.

Brewer Blackbird--

Western Meadowlark--

Buzzard--

American Bittern--Two of them at the same time--their head and neck straight up in the rushes etc. Later heard their call and it certainly sounds just like a rusty pump.

Mallard--lots of them.

Red-tailed Hawk--Circling low over the swamp.

Virginia Rail--Female we scared off the nest to take a picture of the 8 light buff, with spots and lines of brownish eggs. nest 10" off water height.

Killdeer--This pair seemed to have eggs laid in the gravel along the road but we could not find them.

Sparrow Hawk

Barn Swallow

Mourning Dove

Anthony Green Heron--In marsh beside the road, it flew quitely to an ash tree The red under tail was clearly dicernable and also the gray-blue on back and wings showed up well.

Cassin Vireo

Yellow Warbler

Pacific Yellowthroat

Crow

Coot--Swimming in water brush, let out coarse cry and then flew.

China Pheasant--

[illegible] --bird size of pintail duck with black head and neck, white chest, white shoulders, rust-red along rear side of body, Gray and white on wings and tail. In flight the outer part of the tail is white, and white patches on the wing show.

[illegible]

Robin, Violet-green Swallow, Barn Swallow, Willow Goldfinch, Cliff Swallow, Western Gull, Crow, Brewer Blackbird, Valley Quail--several flocks along the road over.

Bob White, Killdeer, Yellow Warbler, China Pheasant

Glaucaus Gull

Red-throat Loon--Swimming near buoy just down-bay from Yaquina.

Lesser Scaup--flock flew over while we were clamming at the same place.

Tree Swallow, Blue Heron, Rusty Song Sparrow, Russet-back Thrush, Ruby-crown Kinglet.

Holboel Grebe--Swimming the surface of the bay near Wyat.

Surf Scoter, White Winged Scoter,

Bald Eagle--Very large, shiny white head, and white on upper tail. First I had ever seen. At Wyat. Flew up the bay and then started gaining altitude very rapidly.

Corvallis, Weather clear, cool, moon 1/3 full etc.

June 1, 1941 8 50 P.M. I heard the 1st Nighthawk of the year high overhead in the twilight. It was circling and giving its rasping call at 2 or 3 second intervals.

June 10, 1941 . Woodburn-West Woodburn Woods and Pudding River
Weather was perfect 5 to 8:30 A.M. Ideal plus!

Robin--
Mourning Dove--Perched on telephone wires. I noticed that these birds I saw in Eastern Oregon had much more showy white edged tail feathers. I could hardly notice them at all in the species near here.
Rusty Song Sparrow
Shufeldt's Junco--Lots of them in the woods. Some were singing.
Chipping Sparrow--Several on the tips of young fir trees.
Valley Quail--Spotted one lookout on a log and then flushed a small covey of them.
Ruby-crowned Kinglet-- Saw 4 or 5 of them in the darker sections of the woods.
Oregon Chickadee --
Cassin Vireo--Many of them calling from the upper limbs of the fir trees.
Oregon Towhee--Saw one scratching in the dead leaves in the underbrush
Violet-green Swallow--Everywhere
Willow Goldfinch--A flock of them in a weed patch by the road. Whereever you find a weed patch, you find Goldfinches, I have found.
Russet-backed Thrush--For the first time I got the right angle to see the spots on the breast. I brought it within good looking distance by imitating its very simple call notes. There were many of them at both places.
California Creeper--Going up the bark of a Thuja plicata.
[illegible] White--Saw one solitary on an old hay pile. He was standing stiff and straight so he must have been a lookout.
Seattle Wren--Again today I was treated to the beautiful song of this bird.
Northwestern Flicker--Perched in the top of an old Douglas Fir
Mountain Chickadee-(Grinnell or Short-tail?) Had the white line over the eye and otherwise looked like the Oregon Chickadee to me. It seems to me that this would be quite a find for the location and the season of the year.
Bush Tit (Coast)--Lots of them working over the lower shrubbery and I found one pair at West Woodburn with a nest with 7 eggs in it.
? Hutton Vireo--Seen in woods at Pudding River. He was with some bush tits and chickadees
Brewer Blackbird--?Common
China Pheasant--Common
Slender-billed Nuthatch--Working the upper limbs of an oak tree.
AudubonWarbler--Perched on the upper limbs of a Holodiscus discolor
Traill Flycatcher,-Little--I confused its calling with that of the Cassin Vireo, and therefor didn't pay any attention to it until I was looking at it and it gave the call. It is a small slim bird, generally olive in color, lighter beneath with a white chin or throat, and greyish wing bars On perched on our back porch roof tonight and gave the same call.
Wood Pewee--He called persistently from the upper branches of an ash tree.
MacGillivray Warbler--The first I have seen this year. I had forgotten the call and thus when I heard it, I didnot recognize the bird. I saw three or four of them yesterday. They were working the branches of a fir and also some of the undergrowth
California Purple Finch--One pair feeding on old seeds of an ash tree.
Rufous Hummingbird--Gave"love dive" The female was perched on a bush and the male climbed straight up to a heighth of 50 or 60 feet and then dove straight down toward the ground. There was considerable vibration as he beat his wings to pull out of the dive about one foot above the perched female.
Sparrow Hawk--Found him perched on a snag in a forest clearing. They're usually not found in such a place.
Chestnut-backed Chickadee--Several of them in the woods at Pudding River
Long-tailed Chat--Giving his varied calls from the top of a service berry bush.
Western Tanager--Saw one pair flying at each other and then separating. They acted as if they either had a nest or would have one soon.

The hummingbird also gave a high note as he was climbing for his dive.

Warbling Vireo--In the branches of an Acer macrophyllum.
Ash-throated Flycatcher--He has a rich deep call note.
Green-backed Goldfinch--Saw several right here in our own back yard.

Continued

Gardiner Woodpecker--Pecking away at an old snag
Red-breasted Nuthatch--Three of them mixed in with bush-tits, chickadees, etc.
Red-wing Blackbird--Near slough at West Woodburn.
Cedar Waxwing--In an appropriate place--a cherry tree.
Killdeer--Flushed from the gravel road in front of the car.
Western Bluebird- Perched on the fence post.
Western Meadowlark--On a telephone pole.
Pacific Yellowthroat--In an Ash clump at Pudding River
Vesper Sparrow--Along the edge of a farm road.
English Sparrow--On front street in town.
Yellow Warbler-- In the ash grove at pudding River.
Cliff Swallow--Seen flying to eaves of a barn where a nest was located.
Barn Swallow-- The deeply forked tail was very conspicuous, easily distinguishing
them from the cliff swallows.
Western Crow--Flying overhead by the river.
N.W. Red-breasted Sapsucker--I climbed a maple tree by the river and a scolding
note came down to me, I thought it was a squirrel and so a pounded the
branch and the scolding kept up, but finally ~~it~~ flew away.
Black-headed Grosbeak--My first of the year. A female in the Ash Clump at the river.

Fifty-two species

June 12, 1941 3 P.M. electric storm Baggarts Woods.

NW Red-breast Sapsucker - Female feeding young in hole in dead 8" fir about 20 feet from ground. Pecking noises from inside. Each time she brought food she lit above & on opposite side from hole & then she hopped down & around to it.

Also saw pair Great Gray Owls about 40" wing-spread.

Eugene -June 23, 1941--Twilight

For the first time I noticed the very high and nearly inaudible "squeeks" of the bat as it flies about and mostly when chasing another bat.

Ashland--June 25, 1941   5.30 to 8 A.M.   Weather was misty and cool.
Through Lithia Park and farther up the hill.

Ashland Ore

Yellow Warbler
Robin
Western Tanager---Coaxed it with imitations within five feet of my hand.
Chipping Sparrow--Very common in many locations
Hummingbird, Rufous--
Green-backed Goldfinch--Also coaxed it closer by calling back to it.
Little Flycatcher--Perched on the dead tip of a small maple tree.
Long-tailed Jay--Lots of the them in the woods and I found many in an old cherry orchard on top of the hill. They were feeding on the cherries.
Valley Quail--lots of them in the brush patches--the lookouts were most conspicuous.
Thurber's Junco--In the trees and on the lawns in town.
San Joaquin Wren--I heard one sing and I can't tell any difference from the Seattle Wren
Western House Wren-
English Sparrow--
Lazuli Bunting--I watched one feeding in the wheat field by the road. He would quit eating frequently and would burst forth with his song.
Willow Goldfinch--Many of them around the house near the edge of town.
Oregon Brown Towhee--Saw four of them in the pasture and in the apple trees.
Western Meadowlark--Perched on telephone pole near the railroad.
California Woodpecker--In the heart of Ashland on a telephone. In shaggy condition.
Modoc Song Sparrow--Several of them in Ashland
Eagle--Seen on limb over Klamath River north of Yreka in the afternoon.

Golden Gate Park, San Francisco--Weather Overcast, June 27, 1941   6-11 A. M.

Sacramento Towhee
Willow Woodpecker
California Purple Finch
~~[illegible]~~ Sparrow
Allen Hummingbird
Shoveller Duck--Stow Lake
English Sparrow
[illegible]
[illegible]
Valley Quail
~~[illegible]ino~~ Song Sparrow
Thurber Junco
Yosemite Fox Sparrow--In madrone tree in the park
Bald Pate Duck--Stow Lake
Scaup Duck--Stow Lake
Brewer Blackbird--Stow Lake and along the beach.
Chestnut-backed Chickadee--In trees and shrubbery at Fleishaker Zoo
Golden Pileolated Warbler
Ruddy Duck--Stow Lake
[illegible]
[illegible]
Pine Siskin--In evergreens in the park
Robin
Western Gull--At beach
Glaucous-winged Gull--At the beach

Yosemite National Park July 1, 1941- -Weather clear-- 8 to 4 p.m.

Golden-crowned Kinglet--Glacier point lookout
Robin
Townsend Solitaire--In woods near glacier point
Little Flycatcher--In small tree at the point
California Woodpecker--In oak trees near park entrance from Fresno
Blue-fronted Jay--lots on the floor of the valley in Yosemite
Black Phoebe--On trail down from glacier point
Thurber Junco--
Western Evening Grosbeak--In woods back of glacier point
California Linnet--Quite a few of them in the more open country.
Flicker
Northern Red-breasted Sapsucker--Working trees along the Merced River
Western Tanager--fairly common
Sierra Grouse--On trail as I came down from Glacier point.
[illegible] Pewee--On valley floor near Government Center.
Slender billed Nuthatch--Working trees along Merced River.
Rufous Hummingbird--In brush above glacier point
Sacramento Towhee
White-throated Swift--Several chattering and chasing each other in air above glacier point.
[illegible]'s Hummingbird-- In wild flower garden back of Museum at Govt. Center.
Canyon Wren--A flock of them in one place in the rocks along the down trail.
Modoc Woodpecker--In the trees near Mirror Lake below Half Dome
[illegible] Redwing--Along the edge of Mirror lake
Kingfisher--Flying upstream above Mirror Lake
Brewer Blackbird--
Black-headed Grosbeak--In the Ash and cottonwood trees near water.
Short-tailed Chickadee--Near Mirror lake.
Red-naped Sapsucker--Working a dead snag near the merced river.
Cassin Vireo--Not seen but heard.
Cowbird, Dwarf --In meadow behind the stables in Yosemite Valley
Pigmy Owls heard calling off + on all nite at Fish Camp, S W of the Park.

Crane Flats, July 2, 1941
White-headed Woodpecker--Came several times to a hole in a D. Fir tree near road. White marks on wings show up in flight.

House Finch--

Near Reno Nevada---July 3, 1941
Duck Hawk--Perched on telephone pole near highway.

Near Redding, Calif. July 3, in the evening.
Calliope Hummingbird--In nastertium garden.
Burrowing Owl

Small gray squirrel with whitish underparts and white band around the neck, seen on the road between Reno and Susanville.
Klamath Lake, July 4, 1941. Weather Hot, 2 p.m.
Western Gull
Mallard
Avocet--A flock of them in the shallow water near the road.
Tri-colored Redwing--In tules along edge of lake
[illegible] Cormorant--Perched on fence post in flooded part of lake.
California White Pelican--Many of them on the lake. Show black when in flight.
Ruddy Duck--Swimming the lake edge.
Horned Grebe--Diving and swimming in the lake's edge
Western Grebe--lots of them. They pretty nearly stand out of the water and chase each other.
[illegible]--
[illegible]--
[illegible] -- [illegible]

July 29, 1941 Weather clear 4:30 to 6 A.M.
Pudding River, Union Scool and en route.

Towhee-- Several in bushes and underbrush
Mourning Dove--On telephone wires along road
Western Bluebird--Perched on telephone wires
Robin--
Vesper Sparrow--Along Union School road on fence post.
Pacific Nighthawk--
Willow Goldfinch--Lots of them in the orchards etc.
English Sparrow-
Brewer's Blackbird--Large flocks on wires near John Leeks
China Pheasant--In hop field.
Little Flychatcher--Many in the woods and along the road
Chipping Sparrow--Large flock near High Boyle's
Flicker-- Everywhere
Russet-backed Thrush--Near swimming hole
Violet-green Swallow--Lots of them near Boyle's in flock on wires.
Bobwhite--Covey near Boyle's
Cliff Swallow--Near barn at Union School
Barn Swallow -With the Cliff Swallows
Rusty Song Sparrow--Along fence row
Oregon Chickadee--Near Union School
Seattle Wren--Near swimming hole
Cassin Vireo--In woods by pudding river
Slender-billed Nuthatch--Lots of them in woods at Pudding River.
Western Tanager--One pair at Pudding River.
Golden-crowned Kinglet--Roving thru trees along river
Mallard--hen--at swimming hole
Gairdner Woodpecker-- In oak tree along river
California purple Finch--In top of fir tree in woods.
Fox Sparrow--In woods near swimming hole
Streaked Horned Lark--Near Union School on fence post
Meadowlark--on telephone wire
Killdeer--flew over
Norther Red-breasted Sapsucker--3 or 4 of them in trees along Pudding River.
Stellar Jay--In brush back from the river.
Belted Kingfisher--At swimming hole
Rufous Hummingbird--
Lazuli Bunting--Feeding on thistles
Yellow Warbler--In walnut trees at home.
38
Large salmon jumping for flies at 5:30 at swimming hole. Several times.

July 17, 1941 Woodburn Home
We had a heavy electrical storm last night and this morning there were 4 or 5 Lewis Woodpeckers on two different telephone poles in our yard. The smaller birds would gang up on them, whenever they flew out from the poles on short sallies.

August 5, 1941 Payzants Woods and home.

Just a little warm, no clouds, slight breeze. 2 - 4 P.M.

English Sparrow--
Brewer Blackbird
Robin
Cassin Vireo-- Several in the Ash tree thickets feeding and singing
Western Bluebird--Perched on a telephone wire
Western Tanager--Saw 3 females but didn't see any males.
Oregon Chickadee--Feeding in an oak clump
Little Flycatcher--There seemed to be many of them in the woods today.
Pacific Yellowthroat--Heard the whichitee but did not see them.
Black-throated Gray Warbler--Feeding in the oak trees. I watched him for five minutes and during that time he didnot give one call note.
Seattle Wren--Several individuals scolded me as I walked thru the woods.
Slender-billed Nuthatch--There was an unusual number of them in the woods today.
Cedar Waxwing--One fairly large flock moved by me as it worked thru the woods.
Western Red-tailed Hawk--Perched in tall fir and giving screaming cry call.
Flicker--
Black-headed Grosbeak--Was chased by two Cedar Waxwings.
Coast Bush Tit--Quietly perched in some dense underbrush
Arkansas Kingbird - Perched atop a tall snag in the woods. Its bright yellow belly showed up very well. It has a strong irregular crooked flight.
Shufeldt's Junco--
Valley Quail--Out in stump land.
Rusty Song Sparrow--
Russet-backed Thrush--Called to a young one for five minuted and worked him within 5 or 6 feet of me. Also one in laurel near my window tonight.
Coast Jay--
Fox Sparrow--In the underbrush
Oregon Towhee-- Scratching in the underbrush
Mourning Dove-- Flew overhead.
Lewis Woodpecker--About a dozen of them in the snag patch near Eldon's. They chased each other when after food. They would sally out for bugs and return to the same perch. Same chuckering as in the spring was given in call
Sharp-shinned Hawk--Perched on snag in woods clearing.
Western Wood Pewee--Perched on small bush giving call note
Audubon Warbler-- In weed patch near the farm house.
Macgillvary Warbler--In woods near Pudding River
Red-breasted Sapsucker--Two large birds and a young one near Pudding River.
Lutescent Warbler--Gave call and flew from Ash tree by Pudding River.
Willow Goldfinch--perched on wire near highway.
Yellow Warbler--In walnut trees at home.
Western House Wren--In back yard scolding Hudsy.
There was not a violet-green swallow seen today at all.
Vaux Swift--8 of them in sky overhead this evening.
Mallard Duck--28 of them flew SE over here this evening.
Killdeer--Flew over the house tonight.
39 species seen

Sept. 12, 1941 Rainy, Windy, cool, & Sunny
3 PM - 4 30 P.M. Seen flying over our back yard
Barn Swallow(1) Vaux Swifts (2)
[illegible] (1)
Kingfisher (1)
Cedar Waxwing (3)
English Sparrow(2)
There has been a decided absence of [illegible] all species during the past 2 months. We have [illegible] 30 days in which it has rained.

July 17, 1941 Home, Woodburn.

We had a heavy electrical storm last night and this morning there were 4 or 5 Lewis Woodpeckers on two different telephone poles in our yard. The smaller birds would gang up on them, whenever they flew out from the poles on short sallies.

September 17, 1941 Payzants Woods 3-4:30 P.M. Weather heavily overcast.
Woodburn Slight breeze.

Brewer's Blackbird--flocks of them over the countryside.
Sparrow Hawk--perched on light wire by road. Male.
Flicker--lots of them in the woods I saw a hummingbird chase one.
English Sparrow--In road on way out.
Greenback Goldfinch--In thistle patch along river bottom.
Oregon Towhee--Several of them scratching in the brush.
Savannah Sparrow--Yellowish sides of head was very distinct for this season. In flock.
Pacific Yellowthroat.--Along Butte Creek bottom. Single male on thistle.
Lutescent Warbler--In ash tree along the trail. I knew its call.
Cedar Waxwing--Several flocks in fir trees, in hazel brush and flying overhead.
Long-tailed Jay--Flew from oak tree near us.
Band-tailed Pigeon--Same place as one I saw about 4 months ago in Ash tree.
(Might possibly by the same individual.)
Stellar Jay--There seemed to be an abundance of them today.
Red-tailed Hawk--Flew overhead uttering its screaming cry. Several of them today.
Cassin's Purple Finch--In weed patch feeding.
Sharp-shinned Hawk--There was a regular invasion of them today. When standing in one place I could see 4 or 5 different individuals. One flew from the ground with a mouse into a dead tree. Also saw one overtake a Vaux Swift in mid-air and capture it. Another was pursuing a flock of Robins.
Western Robin--Quite a few of them. (There don't seem to be any in the town itself.)
Rufous Hummingbird--One just missed my ear. Another chased a flicker.
Rusty Song Sparrow--
Seattle Wren--Scolded us from a bush. Plumage seemed very bright.
Golden-crowned Kinglet--A small flock of them- first I have seen this season.
Gairdner Woodpecker--Two of them working on a snag and giving the single note call.
Oregon Chickadee--Mixed in the flock of Kinglets.
Little Flycatcher--Perched on snag and sallying forth a few feet from its perch for bugs.
Mourning Dove--One single flew over us.
Slender-billed Nuthatch--Working the bark of an old fir tree.
Lewis Woodpecker--Pair of them in an oak tree.
Harris Woodpecker--Flew to a dead limb of an ash tree near us.
Vaux Swift--Several of them flying in small flocks overhead. One met his fate when he was captured by a Sharp-shinned Hawk.
29 species.

What surprised me today was to see so many different birds in the country. For the past 3 or 4 weeks there have been practically no birds in the city of Woodburn. The hawks must be having there fall migration at this time because I have seen many of the Sharp-shinned and Red-tailed hawks today.

10

September 22, 1941 Payzants place
North wind strong, warm, clear 2-4P.m.

Robin
Western Red-tail Hawk--A pair of them circling over the woods
Stellar Jay--Several of them. One squawking with voice similar to a heron's.
Turkey Vulture--One heading south.
Oregon Chickadee--Several in the hazel brush
Rusty Song Sparrow--
Cedar Waxwing--Still are several small bands wandering over the countryside
Flicker--
Bush Tit--One pair with a pretty song. They weren't feeding, just singing. It was a very delicate song.
Oregon Ruffed Grouse--First I've seen in a long time. Near Payzants chicken house.
Western Meadowlark--Several singing in the fields and on light wires.
Brewer's Blackbird--Saw only one large flock today.
Engligh Sparrows--In road and woods feeding on the weeds.
Valley Quail--Two parents with a covey of nine young ones crossing the road.
14 species.

[illegible]

September 21, 1941 Pudding River and McKee.
8-10A.M. Weather perfect

Killdeer--They seem to be banding together now.
Brewer Blackbird s--small bands of them.
Robin--
English Sparrow--
Meadowlark--Several of them chasing each other,doing wing-overs, dives, climbs, etc.
Song Sparrow
Oregon Towhee--
Slender-billed Nuthatch--working a fir tree.
Oregon Chickadee--feeding on branch tips of a fir tree with
Red-breasted Nuthatches--several of them continually chattering and flitting from one tip to another.
Golden-crowned Kinglet--
Stellar Jay
Bush Tit--
Flicker--
Gairdner Woodpecker--In ash tree.
Cassin Vireo--Singing from the top of a small fir.
Fox Sparrow--In the underbrush.
Seattle Wren--Scolded me but later heard one singing.
Red-breasted Sapsucker--Six of them were chasing each other from a tall snag to a fir tree and back to the snag. Great variation in notes given. Two appeared to be larger than the others. Maybe the parents of the other four sapsuckers.
Kingfisher--Flew downstream.
Winter Wren--Perched in vine maple in deep woods singing a light high-pitched song.
Violet-green Swallow--A small flock of them flew overhead.
Willow Goldfinch--Flushed from a thistle patch.
Harris Woodpecker--Working a yew tree trunk.
Cooper's Hawk--In a clearing in the woods. It was giving raspy squeeks as it flew overhead.
Redwing Blackbirds--A flock gathered together in a tree across from P. Seely in swamp.
Western Bluebird-- Several along the road.
Vaux Swift--One single in with a flock of VG Swallows.
Sparrow Hawk--Reddish back shows up very well.
Turkey Vulture--
Mourning Dove--Pair of them on a light wire.
31 species.

Brook Lane, Corvallis September 26, 1941. Weather clear and cool. 97

California Jay--Pair across road from ranch.
Violet-green Swallow
Oregon Chickadee--
Robin
Cedar Waxwing
Willow Goldfinch
China Pheasant
Brewer Blackbird
Kingfisher--A long Mary's River near Avery Park
English Sparrow.

10 species.

Cemetery Hill and vicinity-- September 28, 1941 -- Weather warm with breeze and splattered clouds. 98

Robin
English Sparrow
Flicker
Meadlowlark
Rusty Song Sparrow
Greenbacked Goldfinch
Oregon Chickadee
Seattle Wren
Western Crow
Towhee
Winter Wren--Came within 6 feet of us while we were sitting on a log.
China Pheasant
Golden-crown Kinglet--Working scrub oak in a pasture.
Long-tailed Jay.
14 species

Oct. 10. 99
40 feet NW of corner at Poultry Bldg. Road.
Old pheasant nest with 14 eggs.
Had been punctured by a bird. The embryo was nearly ready to hatch.

Oct 15. On Soap Creek Area: Saw 100's of Pheasants. 100
Also 2 Wood Ducks, Blue Heron, and Blue-winged Teal.

Oct. 17 Faling Estate 10 Miles South of Corvallis 101
3-5 PM. Clear + Cool.

Brewer Blackbird
24 China Pheasant
Killdeer
Red-winged Blackbird
6 Rock Doves
7 Bob White
9 Meadowlark
Robin
Savannah Sparrow
5 Red tail Hawk
7 Flicker
1 Mourning Dove
14 W. Bluebird
2 Long-tailed Jay
2 Willow Goldfinch
3 Sparrow Hawk
5 Crow

Oct. 23 —
South of Monmouth -
a Blk Brant in the stubble field pond just off the hiway

November 9, 1941   Corvallis, Waldport, and Sea Lion Caves
Foggy, strong breeze, chilly.   8 A.M. to 3 P.M.

Junco
Towhee
Seattle Wren
Green-backed Goldfinch
Rusty Song Sparrow
China Pheasant
Brewer Blackbird
Long-tailed Jay--One in Corvallis and several at Waldport.
Western or California Gull
Western Crow
Anthony Green Heron
Great Blue Heron
Horned Grebe
Ruddy Duck
Surf Scoter
California Brown Pelican
Golden-crowned Kinglet
Oregon Chickadee
Flicker
Gardiner Woodpecker
Baird Cormorant
Harlequin Duck--Several pairs feeding in the ocean.
Common loon-- single
White-wing Scoter
Pintail
Lesser Scaup
27species
Pigeon Guillemot — Off Heceta Head

Nov. 11, 1941 - Payzants
8 - 10 A.M.
Partially Cloudy, Cool

Crow
Golden-crowned Kinglet
Kingficker
Robin
Winter Wren
Bush Tit
Flicker
Song Sparrow
Red-tail Hawk
Slender-billed Nuthatch
Brewer's Blackbird
Sparrow Hawk
Lewis Woodpecker
Junco
Willow Goldfinch
Pipit
Western Bluebird
Seattle Wren
Ruby-crowned Kinglet
Long-tailed Jay

November 30, 1941   Oak Grove south of Philomath.   3:30 to 5: p.m.
Weather cloudy or foggy.   With bird club. and Jennie Smith

Brewer Blackbird
Sparrow Hawk
Western Bluebird
Long-tailed Jay--Many of them in the grove.
Flicker--Must have been over 50 of them. Gave many different call notes.
Pipit--Flock flew overhead
Ruby crowned Kinglet--Many in the brush in the grove
Slender-billed Nuthatch--Several of these with the chickadees etc.
Oregon Chickadee--
Oregon Junco
Audubon Warbler--fairly large size flock of them in the trees and brush
Crow--heard several of them
Lesser Canada Geese --several of them in a v-formation flock with four
Common Canada Geese flying overhead.
Gairdner Woodpecker
Bob White--Single rose in front of Jennie Smith.
China Pheasant --one in the woods and several flew beside the car from edge of road.
Robin--
Myrtle Warbler--single specimen observed by me at very close range. The throat patch was a distinct grayish white. A few minutes earlier we heard the "spring song" of the Audubon and this may have been it.
Seattle Wren--
Red-wing Blackbird
Rusty Song Sparrow
Western Red-tailed Hawk--Single flew out of the marsh
Sharp-shinned Hawk --Flying over the highway.

Oregon State College Campus -- December 5, 1941 10:30 to 12: Noon.
Weather cloudy, no wind near ground, and cold (breath fogs on exhilation)

Albino Robin - (partial) - This robin was seen feeding on the vines on the of the Dairy building. during two different class periods in Ag 203. He was seen on four instances--onee for five minutes at 50 feet.

The distinctively bright white areas were:

1. The top fore part of the head and on the cheeks
2. Each wing had the primaries and secondaries white with the wing coverts the usual gray black color
3. The tail feathers are white.

As you probably have noticed the white areas on this Robin are located at the extremities: The head, tail and wings. Could this possibly mean that the albinoism in this instance could be caused by some form of error or mistake in structure of the circulation or nervous system in these areas? Poor circulation in some way, may have caused this.

Also seen:

Song sparrows (singing often)
Oregon Towhee
Varied Thrush (heard)
English Sparrow
Juncos
Oregon Chickadees
Common Canada Geese-In loose V low over the campus
Lesser Canada Geese-at about 10:30 a.m.
Sparrow Hawk
Rock Doves

December 6, 1941 McFadden Estate and Swamp-south half. 1:30 to 4 p.m.
Breeze blowing, clear in sections, rainy in others, fairly warm.
Charles Cutress and I

Meadlowlark--
Sparrow Hawk--just two of them hovering over one field
Oregon Junco--
Rusty Song Sparrow
Seattle Wren
Black-crowned Night Heron--On edge of creek, near highway just south of Wagner's Butte. Clear white with black crown and back patches.
Northwestern Flicker--
American Coot--Lots of them in the waters of the swamp. Seven of them on land and they looked a great deal larger than they did in the water.
Canada Goose--Probably several species--About 4pm.there were 100's and 100's of them left the fields and ponds on the Failling Estate and started circling overhead in rather small bunches. One bunch lit within 1/8 of a mile. Also 100's of ducks took to the air about this time.
China Pheasant--Saw nearly 30 or 40 of them today.
Common Mallard--Many of them were flying about 4pm in large bunches and mixed in with the geese.
Coast Jay--Single in the scrub oaks
Oregon Chickadee
Western Crow--100's of them in the fields and trees in one location.
Lewis Woodpecker--Single flew overhead into tree and then dropped to the ground.
Oregon Towhee-- Lots of them and they were very tame today.
Robin--
Audubon Warbler--A few of them in the woods and brush
Brown California Creeper--Three of them working the trunk of one oak tree.
Ruby-crowned Kinglet--One tame one came within 3 or 4 feet of us.
Slender-billed Nuthatch--
Brewer Blackbird--100's and 100's of them mixed in with the crows.
Gairdner Woodpecker--
Red-wing Blackbird--many near the swamp
Wilson Snipe--3 of them from a ditch in a flooded field.
Pipit--
W. Bluebird--3 flocks
27 species total

December 7, 1941 Foggy, and cold. Corvallis to summit of Mt. Baldy
Merlin Carson and I.

Robin
Oregon Chickadee
Western Bluebird
Brewer Blackbird
Shufeldt's Junco
China Pheasant
Ruby-crowned Kinglet
Northwestern Flicker
Seattle Wren
Rusty Song Sparrow
Valley Quail
Long-tailed Jay --in Oak Grove near Hansen's Poultry Ranch
Pipit --several in a field near the poultry barn.
Oregon Towhee
14 species.

December 14, 1941 3-5 p.m. Slight rain, breezy, no sun.

Mary's Rivernear the bridge.

Oregon Chickadee--7
Sparrow Hawk,-- 1,
Gairdner Woodpecker,-- 1,
Bush Tit-- 18,
Ruby-crowned Kinglet-- 5
Golden-crowned Kinglet-- 3
Red-breasted Sapsucker -- 1
Slender-billed Nuthatch -- 2
Robin-- 5
Creeper -- 2
10 species

Across road from the Dairy Barn on Oak Creek Road where the turkeys used to be there were about 1500 Brewer's Blackbirds.

Dec. 16, 1941
American Merganser ♂ — Swimming in Mary's River above Hiway bridge.
Weather cold & cloudy 10 A.M.

Dec. 20, 1941
Laurelhurst Park — 1^{30} P.M.
10 Buffle head
2 Red-breasted Mergansers. Sea gulls tried to take food from them & chase them all the time.
1 Baldpate — green & white showed well on head.

December 13, 1941 2-5 p.m. 40° F most of time. Dr. Gordon, Dr. Stevenson, Mrs. Gordon, Jennie Smith, Fred Evenden, Jr., Bob Buchanan, Bob Storm Irvin Woods, Philomath, MacFadden Ponds N & S, Peoria, and east of river from Corvallis. There were three parties.

Weather windy, and slightly stormy, heavy rain most of the time.

White Fronted Goose --1
Common Mallard -- 110
Common Canada Goose-- 38
Lesser Canada Goose--800
Baldpate--50
Greenwing Teal -- 20
Pintail -- 19
Lesser Scaup -- 2
Bufflehead -- 2
Western Red-tailed Hawk -- 2
Sparrow Hawk -- 8
Ferruginous Rough-legged Hawk -- 1
Bob White -- 25
Valley Quail -- 10
China Pheasant -- 55
Coot - 36
Killdeer -- 625
Mourning Dove -- 60
Kingfisher -- 1
Northwestern Flicker -- 80
Harris Woodpecker -- 2
Gairdner Woodpecker-- 5
Red-breasted Sapsucker -- 1
Long-tailed Jay -- 5
Northwestern Crow -- 3
Oregon Chickadee -- 25
Slender-billed Nuthatch -- 12
Seattle Wren -- 7
Winter Wren -- 7
Western Robin-- 100
Western Bluebird -- 47
Golden-crowned Kinglet-- 16
Ruby-crowned Kinglet -- 60
American Pipit -- 20
Audubon Warbler -- 513
English Sparrow-- 13
Western Meadowlark -- 10
Redwing Blackbird-- 400
Brewer Blackbird -- 55
California Purple Finch -- 2
Oregon Towhee-- 21
Oregon Junco -- 552
Puget Sound Sparrow -- 15
Golden-crowned Sparrow -- 15
Fox Sparrow -- 6
Song Sparrow -- 19

Total of 46 species for the Audubon Xmas Census, trial number one.
A total of 3,876 bird s of this 46 species.
An average of 84.26 birds per each of the 46 different species.

December 15, 1941 With Dr. Gordon from 3 - 4:30 p.m.
North MacFadden Pond and Swamp 1 mile north of there off 9th St. Hiway.
Breezy, heavy cumulus clouds, and lots of rain. Rather dark most of time.

Wilson Snipe--46, lots of them in these two areas.
Killdeer--Many in a young kale patch, 22.
China Pheasants--12,
Western Bluebirds--9, Along fence posts near road.
Brewer Blackbird--211--Many flocks of them flew over at these two localities
Bufflehead--One pair on the pond near the duck trap. White on head showed up well and when they flew there was white at base of each wing.
Coot--3, On MacFadden pond
Mallard--47--On both bodies of water.
Oregon Junco--14
Robin--6
Green-wing Teal--41, first I have seen, they have white bar at fore of wing that shows up well on water, they flew with rapid wingbeats in the air and lit on the water with hardly a splash.
Oregon Towhee--3,
Ring-necked Duck--3, One male and two females. White ring on bill showed up well in both sexes. They dove and stayed under a long time.
Northwestern Flicker--5,
Western Red-tailed Hawk--Single perched in poplar tree, screaming.
Gairdner Woodpecker--1
Eastern Sparrow Hawk--1
Song Sparrow--7
Western Meadowlark--11, some of them were singing their spring song.
Bob White--11, two singles and one covey of 9
Savannah Sparrow?????--2 Mr. Gordon isn't sure of these.
Mourning Dove--4, Flew over the north marsh
Pipit--17 flew overhead
Redwing Blackbird--10,
Tule Wren--5, These were in the briars in the north marsh. Two in one bush. Their song is lots diff. than other wrens. They were very tame.
BaldPate--Flock of 21 of them took off the north marsh.
Golden-crowned Sparrow--3 of them near the railroad tracks. Gave single peal note
Valley Quail--12 of them in some trees near the railroad tracks.
28 species.

January 10, 1942 2 - 2:45 P.M. Cloudy, cold, no wind, foggy parts.
Previous week has had snow and silver thaw (worst in history)
Arnold Way - 27th St.- Grant - Cemetery Hill- Across to Oak Creek Road-
Dairy Barn - and back to 26th and Monroe.

Robin--
English Sparrow
Rusty Song Sparrow
Northwestern Flicker
Golden-crowned Sparrow
American Pipit
Western Bluebird
Northwestern Red-breasted Sapsucker
Western Crow
Slender-billed Nuthatch
Alaska Hermit Thrush--At head of first hill on Cemetery Hill road --Very quiet in habit, but out in the open with a Audubon Warbler Very whitish below with heavy triangle dots on chest. Deeper brown above. White around eye as in Russet-back. Seemed to be smaller however, not over 6 inches long.
Ruby-crowned Kinglet
Oregon Chickadee
Seattle Wren
Bush Tit
Valley Quail
China Pheasant
Audubon Warbler
Gairdner Woodpecker
Fox Sparrow
Oregon Junco
Oregon Towhee
Brewer Blackbird
24 species Western Meadowlark

Jan 26, 1942 11 3⁰ AM — Raining, overcast, windy.
Meadowlark singing, Killdeer, Robins (250), Eng. Sparrow, 4 Pipits.
& 2 Mourning Doves (one of which appeared to be white above and below)
they were on a radio aerial wire on the Bennett House on 26th Street.
Could it have been an albino?

Feb 5 1⁰⁰ - 7³⁰ P.M. - (weather stormy, rainy etc. Cool about 45°F
Saw pair of Robins "doin their stuff" on the lawn near
Snell Hall for a period of about 2 min. Natural position
was assumed for this. This is perhaps a [illegible] early
season to be doing this

February 7, 1942 1:50 to 3:30 p.m. Cemetery hill. Windy, cloudy (breaking)

Robin, 37
Rock Dove, 2
Meadowlark, 9
Killdeer, 63
Western Bluebird, 2
Brewer Blackbird, 2
Northwestern Flicker, 4
Red-breasted Nuthatch
Horned Owl, 2

Red-breasted Sapsucker
China Pheasant, 5
Audubon Warbler, 14
Rusty Song Sparrow, 9
Puget Sound Sparrow, 20
Oregon Junco, 28
Varied Thrush-only 1 I've seen this winter.
Coast Jay
Long-tailed Jay

Golden-crown Sparrow, 4
Seattle Wren
Oregon Towhee, 6
Crow, 6
English Sparrow, 15
Oregon Chickadee, 12
Winter Wren
Cedar Waxwing

26 species 248 individuals seen

Cemetery Hill, Corvallis, Ore. Feb. 28, 1942. 1:30 to 4:30 p.m. 117
Broken clouds, sunny, warm, with slight breeze.

Robin
English Sparrow
Oregon Junco
White-crowned Sparrow
Bush Tit

Flicker
Rusty Song Sparrow
Crow
Ruby-crowned Kinglet
Oregon Chickadee

Seattle Wren
Meadowlark
Killdeer
Western Redtail Hawk
Towhee

Slender-billed Nuthatch
China Pheasant
Varied Thrush
Western Bluebird
Long-tailed Jay

Audubon Warbler
21 species total.

Mar. 1 1942 Newport and Yaquina Bay 10 a.m. to 2 p.m. Windy, cold, cloudy, mist.
Bay waters were very rough, tide was in. 118

Robin
Rusty Song Sparrow
Killdeer
Western Evening Grosbeak
Brewer Blackbird
Meadowlark
English Sparrow
Oregon Junco
Winter Wren
Coot
Seattle Wren
Glaucous-winged Gull
Ring-billed Gull
Surf Scoter
California Purple Finch
American Scoter -- 1 pair in the a.m. and a single in p.m. Orange bill very bright.
White-winged Scoter-- lots of them. 27 of them in one group.
Black Brant -- 16 of them in protected part of bay.
Lesser Scaup -- 2 pair of them together about 20 feet away.
~~Ruddy~~ Black Turnstone-- small flock of them along rocks on jetty on way out to beach.
Audubon Warbler
Coast Song Sparrow
Ruby-crowned Kinglets-- several of them in the pines along the beach.
Oregon Towhee --
American [illegible]
Red-breasted Merganser--Swimming and flying in bay just below the bridge. No mistake.
Western Grebe -- two of them in winter plumage. When looking down on them they seemed to have a ring of white all the way around their body in the water. Neck stripe showed as did the pale black cap.
Band-tailed Pigeon -small flock of them in the pines and spruce near Newport.
Pacific Loon -- two different individuals swimming in the bay, one under the bridge. It dove and came up a remarkably great distance away a little later.

Here's one for the books to figure out a little later:
It is a Sanderling →
Slightly smaller than Killdeer; neck, chest were white or bright gray, bill, tail, and legs were definitely black. Wings a darker gray with distinct black at the bend of the wing. [illegible] black wing [illegible] the outstanding mark when you first looked at the bird. It was feeding at the edge of the bay with 4 or 5 killdeers, so that the size comparison was not difficult. The killdeers scared more easily and when this bird did fly, it was a swift flier, zigzagged, dipped, and circled around. Its flight mannerism reminded me of the Wilson Snipe.
29 different species, total.

Found dead
1 Western Gull
1 Surf Scoter
1 White-winged Scoter
1 Glaucous-winged Gull.

Pudding River, February 1, 1942 11-12 a.m. Cloudy and sunny, breezy. 119

Slender-billed Nuthatch
Rusty Song Sparrow
Ruby-Crowned Kinglet
Audubon Warbler Ø
Oregon Chickadee
Sparrow Hawk
Junco
English Sparrow
Winter Wren
Oregon Towhee
Seattle Wren
Chestnut-backed Chickadee
Fox Sparrow
Robin
Brewer Blackbird
Killdeer
Coast Jay
Red-breasted Nuthatch
Redwing Blackbird
Mallard
Golden-crowned Kinglet
Meadowlark
Flicker

February 14, 1942 Payzant's Woods 2-4 p.m. Weather clear and warm. no breeze. 120
Oregon Junco
Winter Wren
Red-breasted Nuthatch
Western Red-tailed Hawk
Rusty Song Sparrow
Flicker
Oregon Chickadee
Slender-billed Nuthatch
W. Evening Grosbeak
Oregon Towhee
8 Mallards
Redwing Blackbird
Douglas Squrrel

March 6, 1942 4-5 p.m. Between Corvallis and Monmouth. 121
Wood Duck -- Male in small ditch overflow within 20 feet of the road. Full plumage.
Sparrow Hawk -- Saw one swoop down off wire line and grab small mouse near road.
Great Blue Heron -- In drainage ditch just south of Monmouth about 150 feet away.

March 7, 1942 1:30 to 5:30 p.m. Pudding River and Belle Passe. 122
Robin
Flicker
Oregon Towhee-- Many of them were singing in the upper branches of trees.
Oregon Chickadee
California Creeper -- First I've seen for some time. Belly very white. It was working the trunk of a D. Fir. Uttered high notes occasionally.
Bush Tit -- Many of them working there way through the trees and bushes.
Rusty Song Sparrow.
11 Mallards -- scared them up off the river just above the swimming hole.
Red-breasted Nuthatch -- Several of these in a flock.
Slender-billed Nuthatch -- saw one pair working in an Ash tree.
Winter Wren--
Coast Jay-- 2 of them scolding me
Audubon Warbler
Western Meadowlark
Western Bluebirds -- Males were in brilliant plumage and there were small flocks of them along the country roads in the bushes along the fence rows and on the wires and fence posts.
Brewer Blackbird
Oregon Junco
English Sparrow
Redwing Blackbird.
Western Red-tailed Hawk
Wilson Snipe -- Saw one squat in pond in wheat field so I stopped the car and backed up directly opposite him, about 15 feet away. Watched him stay motionless for 5 minutes then whistled etc at him and it did not affect him at all. Finally threw rock near him to scare him.
Green-winged Teal -- Some in with Mallards on large pond near Fitzpatrick's.
Sparrow Hawk
Western Crow
American Pipit -- 4 or 5 of them in a stubble field.
Killdeer.
26 species.

Cemetery Hill and Avery Park March 14, 1942 8 to 11 a.m.
40°F and with a strong north wind blowing. Sky fairly clear.

English Sparrow
Western Evening Grosbeak
Robin
Meadow Lark
Flicker
Oregon Towhee -- Lots of them in brush along Brook Lane
Golden-crowned Kinglet --Several dozen of them working the buds and outer branches of the D. Fir on Cemetery hill.
China Pheasant
Oregon Junco
Harlequin Duck -- 2 of them flushed off of Mary's River near swimming hole. Blue and white showed well in flight.
Long-tailed Jay -- Several of them along brush and woods on Brook Lane
Gairdner Woodpecker
Varied Thrush-- One single in top of 60' D. Fir singing the same song or note that I first heard near Mt. Jeff 2 summers ago.
Oregon Chickadee-- Flocked in with the G. C. Kinglets
Song Sparrow --
Seattle Wren
Slender-billed Nuthatch -- Learned one of its new calls that is a repeat note, but has the tonal quality of a Robin or Black-headed Grosbeak.
Redbreasted Nuthhatch.
Audubon Warbler -- -- Saw a male with brillian (nearly gold) crown, throat, shoulder and rump patches. It had a repeat call I wasn't familar with.
Brewer Blackbird-- Just a few of them in small flocks.
Ruby-crowned Kinglet-- With the Chickadees and G.C. Kinglets
Green-backed Goldfinch -- First of the season. Singing in top of oak tree. I called closer to me by repeating its cal nots. (Two types today)
California Creeper -- 2 of them working the trunk of a D. Fir. Very white belly
Western Crow
24 species.

Corvallis - Newport - Florence - [illegible] Lake - [illegible]
Cloudy - cool - windy.

Robin -
English Sparrow -
Western Evening Grosbeak - [illegible]
Western [illegible] -
[illegible] -
Sparrow Hawk - [illegible]
Rufous Hummingbird - lots of them [illegible]
Seattle Wren
Western Crow - lots of them
Brewer Blackbird -
Western Meadowlark
Song Sparrow - [illegible]
Junco
Flicker
[illegible] winged [illegible]
Oyster Catcher - [illegible]
Oregon Chickadee - lots of them with G.C. Kinglets
Kingfisher - single on [illegible]
Golden-crowned Kinglet - lots of them [illegible]
Long-tailed Jay -
Lewis Woodpecker - [illegible]
Western [illegible] - [illegible]
Blue Heron - [illegible]
Scaup Duck - [illegible]
[illegible] Merganser - [illegible]
[illegible] Duck - [illegible]
Killdeer - [illegible]

[redacted]

March 18, 1942 – [illegible] 1-3^{00} p.m. Cloudy & Clear Cool, Breezy. [illegible] Co.

Robin
English Sparrow
Purple Finch
Red tail hawks – Pair of them soaring [illegible] & [illegible] [illegible] [illegible] to
Steller Jays – Heard & watched, also [illegible] [illegible] [illegible] [illegible] similar to [illegible] "[illegible]"
The "Magpie" used to sing early on a summer morning.
Mallards flushed off pond.
Bluebirds! –
Juncos –
Towhee –
Flicker –
Oregon Chickadee –
R. C. Kinglet –
Slender-billed Nuthatch. –
Baldpates – ♂ & ♀ whistled into a pond & splashed landing within 50 feet of me.
I stalked & [illegible] & [illegible] it [illegible]. [illegible] white [illegible] was very brilliant; female was inconspicuous.
These took off after I snapped a twig accidently.

March 19, 1942 [illegible].
Talked with the Purple Finch [illegible] in [illegible] tree that is just having [illegible] [illegible] breaking out. This bird was feeding on these young leaf buds. It would work the [illegible] bud around in its bill & [illegible] [illegible] [illegible] [illegible] [illegible] up to the [illegible] & [illegible] the tender young leaves.

March 20, 1942
Dr. Gordon & I saw the 1st pair of Chipping Sparrows of the season. They were feeding [illegible] [illegible] on the ground.

rch 21, 1942 -- Field Zoology 9 - 10:30 a.m. Windy, cloudy and clear.
Around the campus and then north of campus on my bike

bin
ong Sparrow
iolet-green Swallow
co
olden-crowned Kinglet
in Siskin
ng-necked Pheasant
avannah Sparrow
fous Hummingbird
ed-shafted Flicker
eattle Wren 21 species.
Ruby-crowned Kinglet
House Finch-- have deeper note that Purple Finch
Western Evening Grosbeak
Audubon Warbler
Killdeer
Meadowlark
Puget Sound Sparrow
Oregon Towhee- M & F Female was much more browish than male
Purple Finch-- Flock in weed patch north of town
Brewer Blackbird

ch 5, 1942   Mary's River near Bob's Ranch.   3:30 to 5 p.m.
Windy, hail storm, clear warm etc.

nenology: Fringe Cup leaves are up but no shoots.
Wood violet (Viola glabella) blossoms are very common.
Trilliums are up with but ~~but~~ no flower yet.

icker
glish Sparrow
bin
Junco
Song Sparrow
Sparrow Hawk
Oregon Towhee
Oregon Chickadee
Slender-billed Nuthatch
Seattle Wren
Killdeer
Red-breasted Nuthatch

ood Luck (Male and Female) They took to flight just as I sighted them.
They gave alarm call, all the time that they were in flight.
na Pheasant
ufous Hummingbird-- Hovering around many of the Red Flowering Currant bushes.
llards
Valley Quail-- located heavily concentrated roosting grounds of some sort.
uby-crowned Kinglet-- got one within one foot of my face be "squeeking"
estern Meadowlark
rewer Blackbird
vannah Sparrow
Wilson Snipe
merican Pipit-- flock of 15 or so in muddy flat near slough with 2 Robins
iolet-green Swallow -- pair of them
orned Larks -- In field adjoining trail or lane.
hipping Sparrow -- In top branches of a tree in an orchard.
estern Crow -- 3 of them in a plowed field.
Audubon Warbler --First saw one male with insect in its bill. Then saw a female in same tree with insect in her mouth. I watched them for quite some time while they hopped from branch to branch, but they didn't seem to be going any place in particular. I thought they might have a nest so I inspected all the surrounding trees and found one in the upper branches of an Oak tree. Whether this is the nest or not, I do not know, as this is not the usual location for Aud. Warbler nests. Perhaps it is located in the lower bushes where I didnot see it. The possibility of there being a nest near was more enhanced when a chipping sparrow came into the lower branches of an adjoining tree and both the male and the female Aud. Warblers took to flight and chased him out of the
species immediate territory. They also gave scolding notes.

rch 27, 1942   5 to 6 p.m.   On road from Corvallis to Beacon Hill east of Shedd.
Hazy , breeze, and warm.

Valley Quail
orned Lark
Robin
Killdeer
Brewer Blackbird
English Sparrow
American Pipit
estern Bluebird
Oregon Junco
Bush Tit
Cottontail
Jack Rabbit
Gray Digger

on Towhee
Turkey Vulture -- Lots of them circling around over the countryside.
p-shinned Hawk   Gairdner Woodpecker   OregonChickadee
stern Meadowlark   Winter Wren   W. Red-tailed Hawk
der-billed Nuthatch   Chipping Sparrow
ina Pheasants -- Cocks seemed to have exceptionally white crowns

rch 28 and 29, 1942   Timberline Lodge 7 Years   Hazy and clear. Not windy,
Gray Jay -- Lots of them in the area around the lodge. Very tame
rke Nutcracker -- Quite a few of them in the vicinity of the lodge also.
gon Chickadee --
Junco
tellar Jay -- With the other jays
pits -- Several pairs and small flocks flying on the mountain.
en-mantled Ground Squirrel -- running on the snow at Gov't Camp.
ots of snowshoe rabbit tracks but I didn't see any live ones.

Apr. 3 - Cassin Vireo along slough east of Childrens Farm Home - with K. [illegible]

April 4, 1942. 8 - 11 a.m. Cemetery Hill and vicinity. Windy, cloudy, misting, and cold. With field zoology class. 133

Robin
English Sparrow
Brewer Blackbird
Meadowlark
Chipping Sparrow

Ring-necked Pheasant
Violet-green Swallow
Purple Finch
Song Sparrow
Vesper Sparrow

White-crowned Sparrow
Audubon Warbler
Oregon Towhee
Killdeer
Junco

Green-backed Goldfinch -- The first I have seen for several weeks. It was perched on a telephone wire, and then dropped down into a weed patch to feed.

Lutescent Warbler -- Saw two pairs in the scrub oak on Cemetery hill. They were singing quite a bit and were not hard to stalk.

Oregon Chickadee
Western Crow

Ruby-crowned Kinglet -- For a quite a bit of the early part of the morning I had been hearing a song that I wasn't familiar with or had forgotten, and then I found it was the kinglet giving the call notes.

Slender-billed Nuthatch
Seattle Wren

Western Bluebird -- One pair in a fence row.

Flicker-- Only saw one the whole morning in this area.

Western Evening Grosbeak -- Feeding on the maple tree buds.

April 4, 1942. 3-5:30 p.m. Oak grove south of Philomath. Warm, sunny, and cloudy and rainy. With Bill Johnson. 134

Robin
Oregon Towhee
Brewer Blackbird
Redwing
Flicker -- several of them here

China Pheasant

Canada Geese -- All day there have been lots of flocks flying north. I would say that I have been 4 or 5,000 go over today. They were not flying very high either.

Long-tailed Jay -- 5 of these in the area and they were in very well developed plumage colors.

Rufous Hummingbird--
Oregon Chickadee
Song Sparrow
Seattle Wren
Crow
Killdeer
Slender-billed Nuthatch

Sharp-shinned Hawk -- One flew over us giving its single note call. It lit in an oak.

Turkey Vulture

Yellow Warbler -- I heard the call for the first time this year and then located the bird all by itself in an oak tree on the east side of the hill.

Chipping Sparrow
Gairdner Woodpecker.

April 8, 1942. 7 to 9 a.m. Corvallis to "Old Baldy" Cool, Perfect day. 135

Robin
Flicker
English Sparrow
Oregon Chickadee
Purple Finch
Violet-green Swallow
House Finch

Oregon Vesper Sparrow
Redwing
Crow
Western Evening Grosbeak
Brewer Blackbird
Ruby-crowned Kinglet

Killdeer
Wilson Snipe
White crowned Sparrow
Western Meadowlark
Song Sparrow
Gairdner Woodpecker

Horned Lark -- perched on fence post beside the road. Larks and Horns were prominent.

Pacific Yellowthroat -- Feeding in brush near Oak Creek Bridge. Song was given.

April 9, 1942 - Corvallis - 7 flocks of [illegible] flying [illegible] going north.

April [illegible] Brook Lane, weather perfect. 8-10 a.m. 1[illegible]

There were about 20 Pacific Yellowthroats seen in the bushes and trees this a.m.

April 15, 1942 North and west of Cemetery Hill along the creek.
Weather windy, cloudy, and rainy.

Robin
[illegible]
China Pheasant
Audubon Warbler
Brewer Blackbird
Cassin Vireo
Ruby-crowned Kinglet
Violet-green Swallow
Lutescent Warbler
Flicker
White-crowned Sparrow
Oregon Junco
Oregon Chickadee
Slender-billed Nuthatch
English Sparrow
Oregon Vesper Sparrow
Song Sparrow
Crow
Seattle Wren
Red-breasted Nuthatch
Golden-crowned Kinglet
Pacific Yellowthroat
Green-backed Goldfinch

April 16, 1942 Fish and Game Management Laboratory. 137

Stomach analysis (not including the crop)

Dusky Horned Owl (Bubo virginianus saturatus) Collected 5 miles south of Corvallis. The stomach was nearly empty except for a quantity of flax seeds. The specimen was a male.

Short-eared Owl (Asio flammeus flammeus) -FeMale -- Collected in the Soap Creek area about 8 miles north of Corvallis. The stomach contained a pellet of black-blue and white fur, with bones of body and skull, that was identified as a Microtus or Meadow Mouse.

California Gull --(Larus californicus) - Male -- Collected April 12 at Klamath Falls. The stomach was entirely empty except for some unidentifiable seeds and some short hairs that were all about 1/8 inch long.

April 18, 1942 7:50 to 11 a.m. Brook Lane to Cemetery Hill. Perfect weather. 130

Robin
Killdeer
Western Meadowlark
Brewer Blackbird
White-crowned Sparrow
Viol~~o~~et-green Swallow
Wood Duck (4 pairs out of oak trees)
Rusty Song Sparrow
Pacific Yellowthroat (lots of them)
Oregon Chickadee
Valley Quail
English Sparrow
Oregon Towhee
Pheasant
Audubon Warbler

Lutescent Warbler -- quite a few of them in the brush and woods
Anthony's Green Heron -- Flew from the bank of the Mary's River
Cassin Vireo -- Lots of them too.
Golden-crowned Sparrow -- Gave their mournful call notes.
Long-tailed Jay.
California Purple Finch -- Singing from the very top branch of a fir tree.
Red-breasted Nuthatch -- I heard some heavy drilling as of a woodpecker and upon investigation found a pair of these birds in an oak tree; one of them was hanging from the underside of a sloping limb on the southwest side of the tree. It was boring a nest, the size of which was about 1" in diameter or a little larger, and it was drilled to a depth of 5 or 6 inches. I approached the working bird within five feet.
Pine Siskin
[illegible]
Rufous Hummingbird
[illegible]
[illegible]
Slender-billed Nuthatch
McGillivray's Warbler -- Sounded like a pair of Juncos "clicking" in the low underbrush, but upon sight we knew differently. This pair was very hard to get up where we could look at them. They stayed in the denser thickets.
Chipping Sparrow
Western Crow
Ruby-crowned Kinglet
Mallard
Western Evening Grosbeak
Turkey Vulture.

Also saw 9 mud turtles and captured Alligator Lizard and 2 Rubber Snakes or Boas.

April 19, 1942 -- On road to South Santiam and on the Santiam near Cascadia. Hazy. 131

Sparrow Hawk
Western Meadowlark
Brewer Blackbird
China Pheasant
Winter Wren
OregonTowhee
Violet-green Swallow
Robin
English Sparrow
Killdeer
Mourning Dove
Horned Lark
Oregon Vesper Sparrow
Rock Dove
Oregon Chickadee
Oregon Junco
Scaup Duck
Long-tailed Jay

Sitka Crossbill -- Feeding and perched in the top of a Douglas Fir and also a Western Hemlock tree on the highway between Sweet Home and Cascadia on South Santiam. A large flock of them. At the same time I saw two
Black-throated Gray Warblers -- The first I have seen this year. The plumage on one of them showed brilliantly. Black patches on the breast, bordered by white. Wings seemed to be almost a "Nuthatch" blue gray color.

April 20, 1942 Corvallis, Ore. 132

Studied Red-breasted Nuthatch nest referred to Saturday. Hole diameter is about 1¼" going straight back and turning down and to the right. It is a little wider in the lower part. There was shredded bark in the bottom of the cavity.

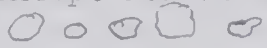
The Cliff Swallows have returned to the eaves of Bell Field and the horse barn near the greenhouses. Lots of them were seen flying around the eaves.

[illegible] -- [illegible]

[illegible]

Collected in Yacquina Bay in October 1941.
Gizzard had a greenish tint material consisting of beach sand and stems from plants from that part that would hold the seed.

White-wing Scoter -- Melanitta deglandi   Female and female
Both of these females had absolutely nothing in their gizzard, the color of it was a dirty brown on the lining.
These were collected on Yacquina Bay in October, 1941

Lesser Loon -- Gavia immer elasson   Female at Yacquina Bay, October, 1941
The stomach was empty except for 20 agates and pebbles of the following sizes: 

Hooded Merganser -- Lophodytes cucullatus   Female at Yacquina Bay, 10/1941
The gizzard of this bird was entirely full of well-broken crab shell. Tips of pincers were unbroken and saw-tooth edge could be noticed. Largest pieces were perhaps [illegible]" across.

Dusky Horned Owl -- Bubo virginianus saturatus   Male April 1942 at Corvallis
The gizzard of this bird had gobs of fat around it and when I opened itI found that there was hardly any musculature to it at all. It was almost all fat in consistentcy. The contents were just being formed into a pellet. At first glance it looked as if it contained fish scales and small bones. Upon examination of some of these under the microscope, by Phil Snyder, it was found that they were not fish scales, but were reptile scales. Also we found some very small, fine claws in the contents. I took the contents to Dr. Gordon, and he identified the parts as those of a Fence Lizard, probably Sceloporus undulatus undulatus. There was the lower part of a limb containing the foot, and smaller fore limbs no part of the femur or humerus.

[illegible], [illegible]   1½-Mile Swamp south of Corvallis and Avery Park 8:30-12 noon
Cold, rainy, clear, and warm, and windy again. Bill Johnson with me.

English Sparrow
Violet-green Swallow -- feeding on thick hatch of of small size mosquitos.
Brewer Blackbird
Western Meadowlark
[illegible] Sparrow
Chipping Sparrow
Western Crow -- Watched one of them doing some very intricate acrobatics.
[illegible] –
Red-winged Blackbird -- I heard these birds giving so many different call notes today that I wouldn't attempt to learn or describe them.
[illegible]   Carrying nesting material to bushes
Song Sparrow (different than Rusty Song Sparrow)   in the swamp/.
American Bittern -- About 7 of them in the swamp today. Their "rusty pump" call was in evidence. When approaching them. They remain still with their head high, and then squat down in the reeds and try to sneak away. Then they fly by taking off silently and with long powerful wing beats. They are not very awkward in flight. Lit silently.
American Coot -- Several of them. They were traveling in pairs. When frightened they take to their very awkward, drawn-out take-off.
Mallard --Lots of them flying around when scared off the swamp waters. Later in the morning I flushed a Mallard hen from a clump of reeds. She flew a few feet, touched the water and flew a little farther, lit, and then flew away at a low elevation. I looked for a nest and located it on a platform of floating dead twigs and stems in the reeds. The nest was lined with down feathers. There were 9 eggs layed in three compact rows. They were a light rich buff color about 2" long and an inch or 1½" wide. Not pointed at the ends. More oval.
[illegible] -- Perched in small ash tree singing.
[illegible]
Great Blue Heron -- Saw it flying northward over the swamp.
Barn Swallow -- Flying with Violet-greens over the swamp. Forked tail was very easily noticeable.
Green-wing Teal -- Flock of 5 flew in over us and lit on the open water.
Wood Ducks -- A pair on the swamp and 2 pairs on the Mary's River. White on side of head of female was very plain.
Virginia Rail -- Brown-red sides with white bars were plain and it flew awkwardly for a short distance in front of us.
Pacific Yellowthroat
Greater Yellow-legs -- Had a click, click call in flight. Tail appeared rather long in comparison to side view of Snipe in flight. Looked a lot like Mourning Dove except for the long bill. Had long smooth wing beats. White rump above tail. Rather long wings. Several of them in the area. When they wanted to light, they didn't circle very much, but went into a dive (like a Nighthawk) instead.
Western Red-tailed Hawk.-- Flew over the swamp and was driven away by redwings.
Sora Rail -- (Notes taken in the field). Yellow bill, buff colr with brownish tinges to it. There was whitish under the tail or rump. It gave a plaintiff whistle that was not too far from being human. It was about 8" long and at the time I saw it, it was walking on water cress ?? and feeding inthe water. At this point the water was about 18" deep.
Turkey Vulture -- 3 of them soaring over the swamp.
Bank Swallow -- Feeding on large swarm of small-size mosquitoes over the swamp. Brownish band across the chest could be seen plainly.

[illegible] --
[illegible] Warbler -- Lots of them in the trees in Avery Park. Saw one female picking cobwebs from between two branches of a snag. It also picked up some moss branches.
[illegible] --

Over please

50 species carried over:

Oregon Chickadee --
Oregon Junco
Lutescent Warbler
Valley Quail -- Flushed two separate pairs in Avery Park
Kingfisher -- Perched on limbs over Mary's River. It was a male.
Oregon Chickadee
Green-backed Goldfinch
Rufous Hummingbird
Pine Siskin --
Winter Wren
Oregon Towhee
[illegible]
Gairdner Woodpecker
Purple Finch
Red-breasted Nuthatch-- Looked at nest on South Cemetery Hill but no [illegible] activity.
Seattle Wren
Cooper Hawk -- Saw one bird, but did not locate the nest said to be in [illegible].
California Creeper
Oregon Vesper Sparrow
White-crowned Sparrow
Slender-billed Nuthatch --Found nest in stub of Acer macrophyllum at the [illegible] end of the swimming hole at Avery Park. It is located about 10 feet above the ground. The entrance faces east and is about 1 3/4" in diameter. The hole itself is about [illegible] inches deep. The male was bringing food to the nest and so I thought there must be young in the hole. In the afternoon I [illegible] and found that the female was incubating the eggs and the male was feeding her. It was too dark in the cavity to see how many eggs there were. I spent an hour and a half timing the intervals of feeding to this nest. Results are below:

51 species total

I started timing at 2:38 p.m. and had not seen the bird at that time. His first arrival was at
2:[illegible]6:00
2:41:45
[illegible]
[illegible]
2:45
2:51:15 High wind came up and continued for rest of observation period.
2:52
3:0[illegible]
[illegible]
3:06
3:07 Female came out of nest hole and perched on stub until
3:07:45 when she returned to the hole.
3:10:15 The male loitered at the spot where the female had perched 3 minutes before.
3:14
3:17:45
3:20
3:21:45 Male brought white grub about ½ inch long.
3:24:15 Male brought same
3:26:30
3:28:15 Left and didn't show up until
3:49 Did not return when I left at
3:58:30

The periods of long absense at 2:30 and at 3:30 seemed to be an hourly occurence, the period of absence of which, was not of uniform length.

April 26, 1942 7:30 to 10 a.m. and 2 p.m. to 2:15 p.m.
Cloudy, no wind, sunny, and cold in earlier morning.
With bird club on hike to Avery's Park

California Creepers -- A pair of them working the fir trees in the park. Both of their breasts were a very clean white color. They got together and put their bills together for a few moments while we watched.

Robin
[illegible]
Junco
Golden-crowned Kinglet
Lincoln Sparrow -- In brush pile. Looked much like song sparrow except for the lack of streaking on the chest and belly. Instead there was a small oval brown patch in the center of the chest that was smaller and finer than the one on the song sparrow. I didn't see any buffy band. Dr. Gordon.
Audubon Warbler -- hundreds of them in the trees feeding on the buds and possibly on some insects. The males were in brilliant plumage.
Cassin Vireo -- The woods was full of them this morning.
Gairdner Woodpecker
Song Sparrow --
Black-throated Gray Warbler
Killdeer
Purple Finch
Chipping Sparrow
Red-breasted Nuthatch
Seattle Wren
Oregon Towhee
Lutescent Warbler
Valley Quail
English Sparrow

Flicker
Oregon Chickadee
MacGillivray's Warbler -- flew to within 3' of us.
Wood Ducks -- Scared pair off the ~~XXX~~ river.
Chestnut-backed Chickadee-- one on top of other. Both beating wings while perched on limb. Before pairing up, lower one flew to limb and started quivering her wings, and then other came there and-----

Townsend's Warbler -- I found this one within 15' of where I was standing. It was feeding with the Audubon's, and it might easily have been confused with them. The general body color seemed to be a blue gray, but the distinct gold lines on the side of the head showed up well. It was the first one that I had ever seen. Bob Buchanan saw it also.
Violet-green Swallow
[illegible]
Pine Siskin
Hermit Warbler -- Dr. Gordon thought he saw a female several times in the upper branches of a fir tree, but distance made it an unreliable observation.
Cooper's Hawk and nest: Located nest in top of Ash Tree. In afternoon my roommate and I investigated the nest and he climbed up to it. It was 81' above the ground. The nest base was made of long twigs that were not over ½" in diameter. The cup of the nest is about 4" deep at the center and is about 5" wide at that level and is about 8" wide at the surface. The cup had some twigs with needles of fir attached and the rest was just plain twigs. There were two eggs in the nest which were laying side by side with the pointed or tapered ends to the south and the blunt ends to the north. They were a light blue green color (lighter than a Robin's egg.) The size of these eggs was about 1¼ to 1½" long, by 1 or 1 and 1/8" inches wide. The female was not on the nest when he started up, but came back soon after, scolding, and then being quiet for the remainder of the time. Evidently the set is not full.

May 4, 1942 - Corvallis 10 A.M. Yellow Warbler perched in maple tree at 26th & Monroe.

May 2, 1942 - Camas, Wash. 6 - 7 P.M.
Blk. Throated Gray Warbler, Flicker, Towhee, Robin, Slender-bill Nuthatch, Audubon Warb. Purple Finch, Cooper's Hawk, Cassin Vireo, Gairdner Woodpecker, Song Sparrow, and Wood Pewee

April [illegible], 19[illegible] — Avery Park -- 4:15 to 5:[illegible] p.m. Cloudy and clear. [illegible] Windy, and warm. 141

[illegible] Sparrow
[illegible]
[illegible]
[illegible]
[illegible] Sparrow
[illegible]-breasted Nuthatch
[illegible]'s Warbler
[illegible] Pigeon
[illegible]
Violet-green Swallow
Valley Quail
Oregon Chickadee
Killdeer
Western Evening Grosbeak
(It wasn't active at the nest this afternoon.)
Oregon Junco
Chipping Sparrow
Audubon Warbler
Green-backed Goldfinch
China Pheasant

[illegible] -- Pair of them stuck very close to a small pond south of the park in the woods, where very few people go by it.

May [illegible], 1942 -- Corvallis: Kenneth Walker reported to me that he watched a pair of adult Audubon's bringing food to their young in a fir tree in front of his residence.

May [illegible], [illegible] -- 10:30 a.m. College farm west of Corvallis 1 mile. Weather perfect. With Charles Cutress. 141

We went to this location to look at a Sparrow Hawk nest that was [illegible] or 35 feet up in an oak tree. It was in a rotten stub on the south side of the tree. The female flew just as we got to the tree. We found 5 young, varying in size [illegible] each one. They were covered with a fine down, of a dull white color. The parents were diving on us and screaming while we were at the nest. Took the young out for a picture and while they were perched on a log one of them cut loose, and there was no fecal sac around the material. They were 4 or 5 days old according to Charles Cutress.

Other birds seen included:
Western Evening Grosbeak
Lutescent Warbler
Chipping Sparrow
English Sparrow
Western Red-tailed Hawk
Flicker
Willow Goldfinch
Meadowlark
Violet-green Swallow
Turkey Vulture
Robin
Crow
Vesper Sparrow
Brewer Blackbird
Puget Sound Sparrow

Cooper Hawk -- Soared over the tree where the Sparrow Hawk nest was and both of the parents took to the air and proceeded to peck, dive, and chase the larger Cooper's Hawk out of the area. He lost several feathers.

Vaux Swift -- We got a good look at a pair of them flying fairly low near us. They are the first that I have seen this year.

May [illegible], 1942: 1[illegible]-mile Swamp south of Corvallis 1:30 to 5 p.m. Weather perfect with slight wind. Hazing up in the later afternoon. With Charles Cutress 141

Red-wing Blackbird -- I would say that there were several hundred of them in the swamp this period. In our walk around the swamp we must have found over 100 of their nests. Some of them were ready for eggs at any time, others had either 1, 2, 3, or the full set of 4 eggs in the nests. The eggs are a pale blue with reddish brown splotches. By the end of the week there should be eggs in most of the nests.

Mourning Dove: Several pairs of these were flushed from the edges of the swamp [illegible] present.

t

Coot -- Several of them in the area.

Canada Goose -- Flushed a single from the swamp and it then flew over the hill toward another swamp. Later on a long string of 125 or 1[illegible] of them flew over going north. This evening there were several bands heard as they flew over Corvallis.

[illegible] Rail -- Found three or four of them acting very taME in the brush near the edge of the swamp. Found foundation of a new nest that is either the Virginia Rails or Sora Rails, will know later.

May 5, 1942   12-Mile Swamp (cont'd.)

Virginia Rail -- Saw and flushed several of them in the swamp. Found one nest with 4 eggs in it. Flushed the female off the nest. Took a picture of t
American Bittern -- Several of them in the swamp ("pumping") but we did not locate any nests [illegible].
[illegible] -- There must have [illegible]. [illegible] found on April 26 was empty, with the exception of one unhatched floatin in the water near the nest. The other shells were broken and empty.
Pacific Yellowthroat --
Great Blue Heron
Barn Swallow -- several of them catching midges and black flies over the [illegible].
[illegible] -- [illegible].
[illegible] -- [illegible] and they, too, headed over [illegible].
[illegible] -- [illegible]. [illegible] front was very plain.
[illegible] --
[illegible] -- [illegible] them hanging around a certain spot and we foun [illegible] platform-like, with 4 oval 1½ x 1 inch eggs. [illegible] gray green color. The 3 birds were two [illegible] and one female.
OK.
Tule Wren -- Heard and saw several of them. Located several of last years nests, and found some newly built ones. As many as three new ones in one small radius of area.
[illegible]
[illegible]
[illegible].
Marsh hawk -- To top off the afternoon I saw a Marsh hawk flying low over the water, following it through my glasses I soon saw another take to the air from a clump of tules at a distance. Marking the spot as best I could we proceeded to go to see if there might be a nest. Sure enough. In the very center of [illegible] tule patch was a flattened-down area and in the center of this was the nest. It contained one egg. The egg was a pale bluish or greenish, and was splotched with red brown markings.
[illegible]
Audubon Warbler
I omitted Song sparrow nest in Ceanothus with 5 small blue eggs with reddish brown spots. Colors dull & pale.
Species seen in the morning are not relisted in the afternoon trip.
[illegible].

May 6, 1942:   Duck trap pond, 2 miles north of Corvallis. 7:00 to 9:30 a.m. With Evan Halsey.   Weather perfect.   No wind.

Oregon Chickadee
White Crowned Sparrow
Sparrow Hawk
Pheasant
Redwing Blackbird
Crow
Killdeer
Kingfisher
Flicker
Mallard
Pacific Yellowthroat
Chipping Sparrow
CassinVireo
Purple Finch
Song Sparrow
Lutescent Warbler
Western Meadowlark
Slender-billed Nuthatch

White-fronted Goose-- One pair of them at the north end of the pond. I took a picture of the male within 25 feet of me. A little stalking was nece
Lewis Woodpecker-- Single flew from an Oak tree near the pond. First that I have seen near Corvallis this spring. I saw one in March at the coast.
Western Sandpipers: Saw a pair of shore birds light on a lily pad not far away and from the description I took down, I am sure that they were western Sandpipers. White below, dark gray above and lighter on the head with a light line on the side of the head. They were about 5 or 6 inches lo Had a rapid flight compared to lots of birds.
We found a dead male Mallard lying in the still water near shore. I looke [illegible] and saw it move a little. We crouched down for about 10 minutes and watched to see what was feeding on it. Finally we had a good l [illegible] a mud turtle.

[illegible] Oak Creek road. May 8, 1942 7 to [illegible]
[illegible] Livezey, Eldon Pyzant, and Fred Evenden, Jr.

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

NW Flicker
Gairdner Woodpecker
Wright's or Hammond's Flycatcher.
Violet-green Swallow
Bank Swallow

Mourning Dove
[illegible] Owl -- Found one in a nest in oak stub on Cemetery Hill.
[illegible] Hummingbird -- doing its love dives for a female.

[illegible]
[illegible]n Chickadee
Slender-billed Nuthatch
California Creeper
[illegible]
[illegible]
[illegible]n--and well-developed young.
Western Bluebird
[illegible] crowned Kinglet
[illegible]n Vireo
Brewer Blackbird
Lazuli Bunting
Purple Finch
Western-Evening Grosbeak
Pine Siskin
White-crowned Sparrow
Golden-crowned Sparrow
Oregon Junco
Chipping Sparrow

Western Warbling Vireo
Lutescent Warbler
Yellow Warbler
Audubon Warbler
McGillivray Warbler
Pacific Yellowthroat
Long-tailed Chat
Pileolated Warbler
English Sparrow
Meadowlark
Willow Goldfinch
Oregon Towhee
Savannah Sparrow
Vesper Sparrow
Song Sparrow

Got Red Fox this day.

Kitten's ears were in great abundance.
Calochortus tolmiei?

May 13, 1942 Brook Lane with Evan Halsey 7:30 to 9:30 a.m.

15

[illegible]
English Sparrow
Oregon Chickadee
Yellow Warbler
McGillivray Warbler

Pacific Yellowthroat
Lutescent Warbler
Chipping Sparrow
Song Sparrow
Meadowlark

Green-winged Teal -- pair of them on the Mary's River near Avery Park. Took to flight very rapidly.
Anthony's Green Heron -- pair of them perched in the top of a snag out brook lane. They gave two different calls and still another when flushed to flight.
Killdeer
Bob White
Valley Quail
Ring-necked Pheasant
Long-tailed Chat -- female near a pond out Brook Lane
[illegible]
Olive-sided Flycatcher-- saw two different individuals. Grayish patch down middle of breast was easily seen. One perched in top of fir tree gave a three-note call that was: 1. low 2. high and 3. a descending plaintive or mournful minor note.

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

Rufous Hummingbird
Seattle Wren
Purple Finch
Slender-billed Nuthatch
Black-throated Gray Warbler -- several of [illegible].

15

White-crowned Sparrow

Violet-green Swallow -- Saw young nearly the size of the [illegible]
immature plumage and a gray patch on the back. [illegible]
and the underparts were grayish. It was sitting with [illegible]
and both were preening their feathers.

Willow Goldfinch -- Lots of them.

Wood Ducks - One pair flushed from an oak grove.

Pileolated Warbler -- Got within 7 feet of one of them.

Green-backed Goldfinch

Oregon Towhee

Hammond Flycatcher or close relative.

Brewer Blackbird

Crow

Lazuli Bunting

Russet-backed Thrush -- heard call notes and proceeded to whistle back.
Got one single to come into adjoining oak tree.

Mourning Dove

The Santiam Lilies are full height but [illegible]
yet, just the buds.

[illegible] Mary's Peak and enroute 8:30 to 1 p.m. Cloudy and very wet.
With Bill Johnson.

in
ish Sparrow
llar Jay
owlark
-tailed Jay

Violet Green Swallow
Song Sparrow
Brewer Blackbird
Mourning Dove
Oregon Vesper Sparrow

On way to mountain.

---

fous Hummingbird-- saw one pair doing dive, saw one perched on wire that had the most brilliant red throat and other plumage that I have ever seen.

Grouse -- Flushed several of them from along the road near the summit.

ied Thrush -- Seen in a noble fir tree north of the summit.

n Junco

tern Evening Grosbeak -- Several fairly large flocks of them in the timber near the top. They chattered even in the rain storm.

icker -- Gave usual call as it flew from the top of a fir tree.

epburn's Rosy Finch -- Saw pair feeding on ground near the rocks on the steep south slope near the top of Mary's Peak. Observed by both of us at 15 feet through the field glasses. Head had light gray over crown and down the cheeks or sides of the head. One had more of this that the other. Both of the pair's bodies were a rich red brown, but I did not see any rose on the wings, as is supposed to be there.

te-crowned Sparrow -- One pair of them in the lower branches of a noble fir.

nut-backed Chickadee -- A small flock of them in the same place.

illow Warbler -- Saw one near the summit.

wnsend's Solitaire -- Saw one pair of them feeding at the edge of the road on the way down. White tail feathers were plain but could not see white eye ring.

-breasted Nuthatch -- Saw one and located nest in snag.

ttle Wren
n Chickadee
tescent Warbler
nter Wren
ipping Sparrow

Pacific Yellowthroat
Barn Swallow
Western Bluebird
Turkey Vulture
Willow Goldfinch

Bob-white
Crow
Pheasant

35 species.

May 19, 1942 – Saw 1st West. tanager although they were reported 3 weeks or a month ago.

[illegible], 1942 To Peoria ferry on [illegible] side and swamp 12 miles south of Corvallis. [illegible] overcast, but warm and not windy. Bob Storm.

Purple Finch
[illegible]
[illegible]
Brewer Blackbird
Willow Goldfinch

[illegible] -small flock
Violet-green Swallow
Pheasant
Cassin Vireo
Rough-winged [illegible]

Warbling Vireo
Western Tanager
Great Blue Heron
[illegible]
Mourning Dove

Spotted Sandpiper -- several small flocks of them on the gravel bars along the river.
Wood Duck -- Flushed a female with young in the slough.
Killdeer -- On gravel bar, gave broken wing and tail fake, but we could find no eggs.
Red-breasted Sapsucker -- Saw two of them, [illegible] feeding on a maple tree.
Wood Pewee -- Lots of them in the area.
Yellow Warbler -- Saw female carrying insect, but couldn't follow her to nest.
Olive-sided Flycatcher --
Gairdner Woodpecker
Oregon Junco
Cedar Waxwing -- Small flock of 7 or 8 of them flew overhead and lit in ash tree.
Chipping Sparrow
Russet-backed Thrush -- Saw [illegible] and found one dead floating in the water.
Oregon Towhee
Black-headed Grosbeak-- call like early-morning warble of the robin. Saw several [illegible] and one pair evidently mating. [illegible] was in very bright plumage.
Vesper Sparrow
?→ [illegible]-throated Flycatcher→?
[illegible]
[illegible]
[illegible]
[illegible]

Seattle Wren
[illegible] Bird
Lutescent Warbler
Long-tailed Chat
Sparrow Hawk

Horned Owl -- Flushed at almost identical spot that it was a year before.

Pacific Yellowthroat
Northwestern Redwing
Sora Rail
American Bittern
Mallard
Cliff Swallow
Northern Phalarope
Barn Swallow

[illegible]
[illegible]
*Cinnamon Teal -- single in bright plumage flushed several times along the edge of the swamp.
Wilson Snipe
Turkey Vulture.
Red-tailed Hawk
Hooded Merganser [illegible] female acting as if she had young [illegible] nest, but we didn't look [illegible].

[illegible] were in full fruit.
[illegible] Frog, [illegible] frog, [illegible] bites seen.

y 28, 1942
11^{30} p.m. Long-tailed chats & Killdeer singing or calling at North Cemetery Hill, Corvallis.
Weather cloudy & rainy

[illegible] 14, [illegible] Cloudy and [illegible]. No wind.

[illegible]

Violet-green Swallow
Barn Swallow
English Sparrow
Song Sparrow
Dipper -- in the [illegible]

Band-tailed Pigeon
Fox Sparrow
Seattle Wren
Rufous Hummingbird

Oregon Chickadee
Russet-backed Thrush
Cassin Vireo
[illegible]
Bittern -- Pumping on Camas
lake at 11 p.m.

June 1, [illegible] Good [illegible]. Clear and [illegible].

[illegible]
Violet-green Swallow
[illegible]
[illegible] Swift

Crow
Lutescent Warbler
Cliff Swallow
Macgillivray Warbler
Slender-billed Nuthatch
Pine Siskin
Western Meadowlark

Gairdner Woodpecker
[illegible] Sparrow
Russet-backed Thrush
Brewer Blackbird
Mourning Dove
Killdeer.

June [illegible], [illegible]   Pudding River, Woodburn, 6:30 to 9:15 a.m.   Weather cloudy and warm.

Lutescent Warbler
Flicker
Robin
English Sparrow
Vi[illegible]t-gre[illegible] [illegible]
Killdeer
Brewer Blackbird
Green-backed Goldfinch -- talked back and forth with this one for some time.
Song Sparrow
Long-tailed Chat -- Two of them kept chattering back and forth for at least a
    full half hour without a break.
[illegible]
Valley Quail
Seattle Wren -- scolded me as I went through the brush
Russet-backed Thrush -- I stood quietly and had at least five of them working
    in towards me as I answered their calls.
Pacific Yellowthroat -- Watched one brilliant male close by me and it acted as
    if there were a nest near so I searched and found one with 4 young.
Mourning Dove
[illegible]
Oregon Chickadee
[illegible]
Macgillivray Warbler
[illegible] Jay
[illegible] White
[illegible]s Woodpecker
Black-headed Grosbeak -- Several of them. Two I saw were males in very brilliant
    plumage. One perched in the top of a fir tree sang a long time.
Red-breasted Sapsucker -- Saw two of them. One was working on a nearly horizontal
    limb of a vine maple (Acer circinatum) and had 5 longitudinal rows
    of 11 almost square holes drilled into the limb.
California Creeper
Little Flycatcher --
Slender-billed Nuthatch
[illegible] Vireo
Western Meadowlark
[illegible] Pheasant
Audubon Warbler
Western Tanager
Great horned Owl -- Came upon one perched on a dead limb of a fir about [illegible] feet up.
    It was very close to the trunk. Length sitting was about 1[illegible]".

Wood Duck -- Flushed female from brush along the river and there were 4 young following.
[illegible]
Western Bluebird
Cedar Waxwing
American Merganser -- Female and male swimming upstream with 6 half-grown young.
    The female led the convoy and the male brought up the rear. Swam silently.
[illegible] Swallow
[illegible]
[illegible]
[illegible]-crowned Sparrow
[illegible] Wood Pewee -- dark gray head and back. Light gray below. Phoe---beee.
    White throat and [illegible] wing bars ([illegible])
[illegible] species total.

[illegible] 6 – 8:30 a.m. Clear [illegible]

[illegible]
[illegible]
[illegible] ler
[illegible] Grosbeak
[illegible] Tanager

[illegible] Yellowthroat
[illegible]
[illegible]
[illegible]
[illegible]-billed Nuthatch

Brewer Blackbird
Red-breasted Nuthatch
Oregon Chickadee
Winter Wren
Purple Finch

Chipping Sparrow
Yellow Warbler
Junco
Meadowlark
Little Flycatcher

English Sparrow
MacGillivray's Warbler
Violet-green Swallow
Olive-sided Flycatcher
Song Sparrow

Russet-backed Thrush
Towhee
Western Bluebird
Valley Quail
Black-throated Gray Warbler

[illegible] Vireo seen feeding young (5 of them) that were lined up on the limb of a hazel bush. They were a little better than half-grown.

[illegible] Douglas Squirrel and Chipmunk

June [illegible], 1942 -- Salem 9:30 p.m. Saw first nighthawks over city, [illegible].

[illegible] -- June 11, with John [illegible].
Weather clear and warm, no clouds but slight [illegible].

English Sparrow
Turkey Vulture
California Purple Finch
[illegible]
[illegible]

[illegible]er Vireo
[illegible] Warbler
[illegible]
Western Tanager
Dipper -- nest under small [illegible]

[illegible]
[illegible]
[illegible]
[illegible]
[illegible] Dove

Crow
Tree Swallow - in foothills.
Cassin Vireo
Little Flycatcher
Winter Wren -- in deep woods

Green-backed Goldfinch
Slender-billed Nuthatch
Vesper Sparrow
Lazuli Bunting - on fence post
Brewer Blackbird

Violet-green Swallow
Barn Swallow
Sparrow hawk
Bob White
Oregon Chickadee

Russet-backed Thrush
Seattle Wren
Black-headed Grosbeak - many
Lutescent Warbler
Kingfisher

China Pheasant
Meadowlark
~~Vesper Sparrow~~
Song Sparrow
Willow Goldfinch

4[illegible] species total

June 7, 1948 Woodburn - West Woodburn.
Watched Brewer Blackbird chase and dive at a Sharp-shinned hawk near the highway.

June [illegible], 1948 Woodburn- Horseshoe Lake and return. Warm and clear.

Anthony Green Heron -- Watched one pair of adults a lot and located two young on a log near the shore of the lake. We approached within 30 feet of them when they flew awkwardly headlong into a willow. The limb wouldn't hold the little fellow and he almost fell over backwards. They were a little better than half grown I would say.

Also saw a Brewer Blackbird chasing a Crow, that looked like it was carrying an egg in its bill. It outflew the blackbird.

[illegible]
Mallard
[illegible]
Sharp-shinned Hawk
[illegible]

Red-tailed Hawk
Sparrow Hawk
Bob White
Valley Quail
Pheasant

Killdeer
Band-tailed Pigeon
Rock Dove
Mourning Dove
Nighthawk

Vaux's Swift
Rufous Hummingbird
Flicker
Red-breasted Sapsucker
Gairdner Woodpecker

[illegible]

Rough-winged Swallow
Oregon Chickadee
Slender-billed Nuthatch
Red-breasted Nuthatch
Seattle Wren

Robin
Russet-backed Thrush
Western Bluebird
Cedar Waxwing
Cassin's Vireo

[illegible]
Black-throated Gray Warbler
[illegible]
Pacific Yellowthroat

Long-tailed Chat
Pileolated Warbler
English Sparrow
Western Meadowlark
Redwing (northwestern)

Western Tanager
Black-headed Grosbeak
Lazuli Bunting
Calif. Purple Finch
Willow Goldfinch

[illegible]-backed Goldfinch
[illegible] Towhee
[illegible] Sparrow
[illegible] Sparrow

Junco
Chipping Sparrow
White-crowned Sparrow
Song Sparrow
Horned Lark

[illegible] species.

[illegible], 1942 West [illegible] 8:30 p.m.

I was driving along the highway there, when a Mourning Dove jumped up off the road in front of the car and flew steadily in front of it for 3/4 of a mile at a speed of from [illegible] to [illegible] miles per hour.

July 25, 1942 Camas, Washington 9-[illegible] p.m.

Lutescent Warbler	Little Flycatcher
Robin	Oregon Towhee
Crow	Oregon Chickadee
Green-backed Goldfinch	Pacific Yellowthroat
Audubon Warbler	Russet-backed Thrush

Blue Heron
White-crowned Sparrow
Turkey Vulture
Western Gull

August 2, 1942 Newport, Agate Beach, Corvallis and en route.

Besides the common occurrences, we observed:
Tree Swallows in great abundance in the coast area.
Lots of Blue Herons in the bay at Newport.
Surf and White-winged Scoters and Western Grebes.
Spotted Sandpipers
Black Turnstones
Barn Swallows by the 100's flying on Yaquina Head near the lighthouse. One pair had a mud nest above the sill of the front door to Mr. Smith's beach cabin at Agate Beach. Made of grass and feathers.
Observed two Kingfishers out over the ocean at Yaquina Head. They flew up to some high rocky perches, and then started chasing each other again.
Surf Birds -- Saw two of them in the rocks along the edge of Yaquina Head. General color was grayish.
Along Agate Beach there were more than [illegible]0 California Murres lying dead. All seemed to have been dead only a short time. They covered ½ mile of the beach.
Pigeon Guillemots were swimming and diving in the waters just off shore from the Head and also in the pockets or pools along the shoreline.

Here's something that you won't believe but two people can't be blind ! Wayne Harris and I were driving along a gravel road at the north shore of Yaquina Bay at about 1[illegible]:[illegible]0 a.m. when we saw a strange, but brilliant bird in the roadway ahead. We slowed up and the bird took to flight just ahead of the car where both of us could get full view of this deep red-bodied and black winged bird. It was about the size above that of an English Sparrow. It could be nothing but a Scarlet Tanager ! Upon investigation, I find that it is not found in this area, but in Taverner's Birds of Canada, he mentions one record of this bird for Vancouver Island, north of here. Maybe we aren't crazy, no ?

Scarlet Tanager

Calif. Murre lying dead on the beach. Seemed to be oiled.

Skyline Trip, 8-6-42 to 8-1[illegible]-42 with Iv[illegible] C [illegible].
Rather fine whole trip.

Detroit 8-5-42.
Coast Jay, Brewer Blackbird, English Sparrow and Long-tailed Jay.

Hoodoo Ski Lodge to Big Lake 8-6-42
Sierra Creeper
Red-breasted Nuthatch
Coast Jay
Red-shafted Flicker
Spotted Sandpiper
Short-tailed Chickadee
Ruby-crowned Kinglet

Big Lake ----8-6-42
~~[illegible]~~ Harlequin Duck -- female swimming nonchalantly in a small pool off the north side of the lake. Larger and heavier feathers around the head. Generally a dark brown color. Not any larger than the Mallard.
Pileated Woodpecker-- saw work of it.
three ~~Glaucous-wing~~ed Gulls in the evening.
Red-breasted Nuthatch
Band-tailed Pigeon
Clark Nutcracker
Hammond Flycatcher.
Pacific Nighthawk

Big Lake ----8-7-42
Western Belted Kingfisher.
Blue-winged Teal at close range on the water
Red-breasted Nuthatch
~~Glaucous-winged Gull~~ young Ring billed [illegible]
Coast Jay

Ferruginous Rough-legged Hawk
Shufeldt's Junco
Osprey
Chipping Sparrow
Rufous Hummingbird
Pacific Nighthawk
Audubon Warbler

Vaux Swift
Western Robin
Gray Jay
2 Ring-billed Gulls [illegible]
4 young ~~[illegible]~~ swimming in the lake with both the male and the female.

Pied-bill Grebe -- Patjens Lakes.
Solitary Sandpiper and young.

Alaska 3-toed Woodpecker-- White gray breast. Orange crest part way back on head with gray behind it. Back was gray-white with black barring. Two of them in the trees around camp. Because of their "cheeek" I took them to be Gairdner or Harris at first.
Arctic 3-toed Woodpecker -- On way to Patjens Lakes we flushed some from a dense grove. Solid back. They all had the orange patch.
*Found nest of the Alaska 3-toed Woodpecker in an old snag out on a neck of land at the northeast end of the lake. The entrance was about 10 feet from the ground and faced the east. The young inside chirped all the time and when the snag is rubbed they increased the chirping notes in volume and in speed and pitch. One of the parents brought two loads of food. The other stayed in the next snag and scolded me. (The female). The entrance hole was oval, being 2" to [illegible]" high and 1" to 1[illegible]" wide. The birds always approached from high points, dipped below the entrance level and swooped upward to light a few inches below the hole. Pictures were taken of the nest site, but the parents were too elusive.
9 p.m. Flock of about 15-20 Red Heads came in just at dusk, from the north. I was out on a sand bar and they swished directly over my head a few feet.

[illegible] 8-8-42

Pine Grosbeaks watering in a pond near the lodge. They are considerably larger than the purple finch.

American 3-toed Woodpecker
Arctic 3-toed Woodpecker
Barrow's Golden-eye.
Hermit Warbler
Russet-backed Thrush
Red-shafted Flicker
Pipit
Coast Jay
Rufous Hummingbird
Mallard (2 drakes and 4 hens.)
Western Tanager
Dusky horned owl
Sharp-shinned Hawk
Western Red-tailed Hawk

Shufeldt's Junco
Western Robin
Short-tailed Chickadee
Gray Jay
Chipping Sparrow
Sea Gull soaring near the summit of 3-Finger Jack.
Coast Bush Tit
Pacific Nighthawk
Vaux Swift
Red-breasted Nuthatch
Clarke Nutcracker
Green-backed Goldfinch
Mountain Bluebird (Seen in lava south of Lake 1 miles.

Redpoll-- About the size of Eng. Sparrow or smaller. Not a very heavy bill. Generally brown, gray, and tan streaked body. (Grayer beneath). A brilliant red top crown patch, fading out on the head. Sort of a dark mottled brown above and brown-streaked on the sides. Rather plain below.

Jorn Lake -- 8-9-42

Sierra Creeper
Willow Goldfinch
Lewis Woodpecker
Western Robin
Shufeldt's Junco
5 Mallards

Red-shafted Flicker
Chipping Sparrow
Clarke Nutcracker
Gray Jay
Western Tanager

Solitary Sandpiper
Hutton's Vireo
Pileolated Warbler
Western Evening Grosbeak
Rufous Hummingbird

Red Butte -- 8-9-42

2 Mallard hens found late in the evening squatting together under a log about 100 yards from the lake. Upon returning from the trip, I find that the male at this time carries the near-female plumage. Probably in the dusk, one of these passed to us as a female.

On the east face of Red Butte there is quite a growth of Juniper. The whole face of this butte was alive with the clickings of 100's of hummingbirds. It must be the evening center for them.

Shufeldt's Junco
Clarke Nutcracker

Gray Jay
Western Robin

Western Vesper Sparrow

Jorn Lake ---- 8-10-42

Clarke Nutcracker
Rufous Hummingbird
Red-shafted Flicker

Lewis Woodpecker
Western Robin
Violet-green Swallow

Solitary Sandpiper
Mallards
Sierra Creeper

Gray Jay ---- Young? Dark sooty-gray body color. Head and wings a little more black. Tail a lighter gray than the body. They glided the same as the adult birds. While I was writing this, I was imitating the gray jay whistle and I got one adult to light on the table about 2' from me. I kept whistling and so did it. It pecked at my axe handle and then hopped onto a loose pie tin and the noise scared it away. 2 adults and young seemed to be traveling together.

Red-breasted Nuthatch
Coast Jay
Ruby-crowned Kinglet

Russet-backed Thrush
Song Sparrow
Hermit Warbler

Varied Thrush
Winter Wren
Townsend's Solitaire

Jorn Lake --- 8-10-42

Olive-sided Flycatcher:

Saw two adults scolding me from the tops of small pines. Upon looking around I found two half-grown young. They were [illegible]-gray all over and had the light gray chest streak characteristic of the adults. When I advanced towards them, the parent scolded louder than ever and dove by my head, just missing my shoulder; as she came by she snapped her bill making a very loud clicking noise.

Green Peak ----- 8-10-42

Red-shafted Flicker and on the very top ridge and trees I disturbed about 10 grouse. Four sooty grouse and the rest Ruffed Grouse.

Jorn Lake ----8-11-42

Red Shafted Flicker
Western Crow
Gray Jay
Western Robin
Alaska 3-toed Woodpecker (close by camp)
Western Red tailed Hawk
Shufeldt's Junco

Red-breasted Nuthatch
Clark's Nutcracker
Solitary Sandpiper
Lewis Woodpecker
Swainson Hawk
Varied Thrush (Young 2/3)
Golden Eagle

Coast Jay
Green-backed Goldfinch
Sierra Creeper
Fer. Rough-legged Hawk
[illegible] Heron
Rufous Hummingbird

These Shorebirds: A pair of them, hung around a particular stretch of shore and a good area of the woods for say, 50 feet back from the water. Their call note is a shrill two-whistle or a whistle. [illegible]. They don't fly rapidly or hard-- they beat 2, 3, or 4 times and glide a distance with their wings curved downward. They stay close to the water and circle in to a landing against the wind. Several times I have seen them flying thru the woods, over and under logs and thru the brush. They continually "bob" their rear-ends. I haven't seen them in the water, but just on the sand and logs at the edge of the lake. Description: Red-orange legs and bill, small head and tapered body contour to the tail. Less than 8" long. Sooty brown above and on head, and a patch (blotches, not spots), on each side of chest or neck. Underparts are snow white. No longitudinal white wing bar when flying.

Red Butte --- 8-1?-42

Coast Jay
Pipit
Western Robin

Red-shafted Flicker
Lewis Woodpecker
Golden Eagle

Rock Wren -- Evidently a young one --- two dark spots on the breast. Ruffled feathers. In area where I was watching the Conies.

Jorn Lake ----8-12-42

Belted-Kingfisher
Sol. Sandpiper.

Several Alaska 3-toed Woodpeckers
[illegible]

Gray Jays--- Vociferous young, chased the adults and stole food from them, were very bold and good pictures were taken. They were as large or larger than the adults, it seemed.

Duffy Lake -- 8-13-42

Below Duffy I ran into a regular swarm of 100's of Juncos. Lots and lots of Flickers were also seen. Slender-billed Nuthatch.

Big Meadows -- 8-13-42.

Sierra Hermit Thrush -- Reclusive, and the call is rather choked and definitely different that the Russet-backed Thrush.

Sooty Grouse and 2 young seen. Young were [illegible]-grown.

Pileated Woodpecker

[illegible]

Violet-green S[illegible]
Chipping Sparrow
Mourning Dove
[illegible]

[illegible]
Robin
Yellow Warbler
[illegible]

[illegible]
Red-breasted Nuthatch
N Red-breasted Sapsucker
[illegible]

17[illegible]

August 23, 1942 Mt. Angel College Hill Clear and warm. 177

A large flock of Cedar Waxwings feeding heavily on Blue Elderberries. Several Cliff Swallows were soaring on the south side of the hill, altho the V-green Swallows seem to have left.

Sept. 4, 1942 Woodburn -

Saw covey of valley quail, at Woodburn Fruit Growers warehouse. There were two adult birds and 19 young barely half-grown in the flock. They were foraging under a scotch broom canopy.

Sept. 9, 1942 -- Woodburn 177

Saw large flock of Band-tailed Pigeons heading south across part of the French Prairie country between here and St. Louis.

Sept. 12, 1942 -- Woodburn Clear and cool 8 a.m.

This was a surprise, indeed. A pair of Belted Kingfishers were flying around our neighborhood. One lit on a light wire in front of our house. We had the lawn sprinkler going and one of them came down and bathed in the spray. There was also a young flicker, a chickadee, and a young robin enjoying the spray, at the same time. The Kingfishers gave their rattling call at irregular intervals.

Sept 13, 1942 -- Corvallis 11 a.m. Clear and warm.

Many young Audubon Warblers were in evidence feeding in the elm trees on the campus. The only outstanding mark was a brilliant gold rump patch. Underparts were comparatively light white or gray. Upper parts were streaked, with no other gold patches. 1[illegible]

West Woodburn Woods   Sept. 2, 1942   6:30 to 8 a.m.
Clear, foggy patches and very cool.   48°.

Creeper
Flicker
Russet-backed Thrush
Stellar Jay
Ruby-crowned Kinglet
Cassin Vireo
Oregon Towhee
Song Sparrow
Black-throated Gray Warbler
Western Tanager

House Wren
Oregon Junco
Valley Quail
Slender-billed Nuthatch
Seattle Wren (whole families of them)
California Purple Finch
Oregon Chickadee
Pacific Nighthawk. (Light plummage, flushed from the base of a willow clump in the grass. Flew very silently away.)
Sharp-shinned Hawk
Mourning Dove
Savannah Sparrow
Killdeer
Sparrow Hawk
Western Bluebird
Lewis Woodpecker
Robin
English Sparrow
Vesper Sparrow

McMinnville, Oregon   9-26-1942.   Cloudy.   4:30 to 5:30 p.m.
Western Tanager feeding on the berries of the Mtn. Ash, Sorbus
Oregon Chickadee
Robin
Long-tailed Jay
Lewis Woodpecker
Flicker
Song Sparrow
Killdeer
Buzzard
Meadowlark

Wecoma Beach,   9-27-1942   Foggy, misty, and cool.   8 to 11 a.m.
Surf Scoter
Surfbird
Calif. Brown Pelican
Western Grebe
Red-backed Sandpiper
Crow
Sanderling
Semi-palmated Plover (1 chest band)
Baird's Cormorant
Ring-billed Gull
Glaucous-winged Gull
A dead Murre

Peoria, Oregon   10-1-42   3:30 to 5 p.m.   Cloudy and clear.
Mourning Dove
Buzzard
Horned Lark
Rusty Song Sparrow
Seattle Wren
14 Wood Ducks
Oregon Chickadee
Oregon Junco
Kingfisher
Brewer Blackbird
Sparrow Hawk
Dead Ruffed Grouse
Great Horned Owl

Duck Trap Pond north of Corvallis. 10-3-42 8 to 10 a.m.
Cold and very foggy.

Junco
Cedar Waxwing flocks
Large flocks of Killdeer
Song Sparrow
China Pheasant (35)
Brewer Blackbirds (100's)
Large flocks of Meadowlarks
Vesper Sparrow
Robin
Mourning Dove
Sparrow Hawk
Wood Duck
Long-tailed Jay
Golden-crowned Sparrows (23)
White-crowned Sparrow (7)
Willow Goldfinch
Flicker
Mallard
Oregon Chickadee
Young Slender-billed Nuthatches
Young Audubon Warblers on Lily Pads
Hutton's Vireo
Seattle Wren
Golden-crowned Kinglet
Northwestern Redwing
Green-winged Teal
Purple Finch
Western Red-tailed Hawk
Green-backed Goldfinch
Oregon Towhee
Sharp-shinned Hawk

Sandhill Crane: Flew over about 25 feet. Seemed to have a wingspread of 7 or 8 feet, tip to tip. Neck was not bent, but was straight. Near me it banked its course and dipped downward very deftly for its size.

Brook Lane 10-4-42 2:30 to 3:30 p.m.
Valley Quail, young
Song Sparrow
Robin
Flicker
Lutescent Warbler
Young Willow Goldfinch?
Pine Siskins

North Cemetery Hill, Corvallis, Oregon Oct. 9, 1942
Cool and foggy. 8 to 9:30 a.m.

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Robin
English Sparrow
Green-backed Goldfinch
Song Sparrow
Cedar Waxwings
Killdeer
Towhee
Seattle Wren
Ring-necked Pheasant
Junco

Flicker
Ruby-crowned Kinglets-- Many females and two males with red crown patches erected and very showy. They were feeding on insects in the oaks.
White-crowned Sparrow--Several feeding on Cascara berries (*R. Purshiana*) and Flowering Dogwood fruit. (*C. nuttallii*)
Slender-billed Nuthatch
Audubon Warbler

Coast Jay
Purple Finch -- Eating berries of Cascara (*Rhamnus Purshiana*)
Crow
Golden-crowned Sparrow
Bush Tit
Oregon Chickadee
Long-tailed Jay
Western Meadowlark.

October 10, 1942   Portland, Oregon.   Rainy and cool.

Flicker
Oregon Chickadee
Mallard
One male Ring-necked Duck
Canada Goose
Cackling Goose
Lesser Snow Goose-- It lands on the water with its feet down and forward. They hit first and the wings are set, but as the feet hit, the wings are "back-watered".

Saturday night there were lots of Canadas and Cacklers flying and circling over Portland and also over Camas, Washington. Saw one V of honkers down low that had 39 in it.

Sunday morning there was a raft of 500 to 600 Baldpates on the East Moreland casting pool. Mostly all were adults.

October 10, 1942 -- Woodburn -- Saw two Varied Thrush in the neighbors yard. This is exceptionally early for them. Jewett said he saw one at Jennings lodge on the 5th.

October 15, 1942 Corvallis, Oregon.

Great Blue Heron
Coots
Long-tailed Jay -- feeding on Blue Elderberries.
Purple Finch feeding on Blue Elderberries
Cedar Waxwing -- Feeding on Blue Elderberries.
Pied-bill Grebe -- On the river, above and below the bridge. Never stayed under over 20 seconds by my timing.

October 24, 1942   Woodburn, Oregon 10 to 4 p.m. Clear and warm.

Flicker
Cedar Waxwings (100's)
Audubon Warbler
Killdeer
Brewer Blackbird

Wood Duck
Great Blue Heron
Western Crow
Oregon Towhee
Red-breasted Sapsucker

Pudding R.
Oregon Chickadee
Chestnut-backed Chickadee
Slender-billed Nuthatch
Green-backed Goldfinch
Green-winged Teal

Stellar Jay
Gairdner's Woodpecker
Savvannah Sparrow
Lesses Scaup (dead).

November 5, 1942 Corvallis to Portland, Foggy and wet, 9 to 12 a.m.

Killdeer
Song Sparrow
Crow
Vesper Sparrow
China Pheasant
Junco
Towhee
Robin
Meadowlark
California (?) Gull
English Sparrow
Flicker.

November 5, 1942 Vancouver to Kelso Washington 12:30 to 2 p.m.

Sparrow Hawk
Crow
Song Sparrow
Flicker
California Gull
Kingfisher
Long-tailed Jay

Pretty good hills with lots of 2nd growth fir, edged with maples and oak.

Shelton to Port Townsend, Washington: Nov. 5, 1942 3:30 to 6 p.m.

Sea Gull (West or Calif.)
Green Heron
Kingfisher
Western Grebe
Surf Scoter
Bonapartes Gull
Coot
Great Blue Heron
Cormorant
Pacific Loon
Red-breasted Merganser
Pintail
Baldpate.

Protection Island, November 6, 1942 9 a.m. to 3 p.m. Clear and warm.

White-winged Scoter
Green-winged Teal
Eared or Horned Grebe
Surf Scoter
California Gull
Killdeer
Flicker
Meadowlark
Pacific Loon
Baird Cormorant
Bufflehead
Auklet (Stripes on head)
Rhinoceros
Hair Seals
Bonaparte Gull

Farallon Cormorant
Brewer Blackbird
Cooper Hawk
Song Sparrow
Red-tailed Hawk
Juncos
Golden-crowned Kinglet
Heard Old Squaws
Varied Thrush
Winter Wren
Sparrow Hawk
Sanderling (Flock of 35)
White-crowned Sparrow
Valley Quail
Towhee
Snow Bunting ~~? O.K.?~~
Seen in a clumps of brush on the center of the plateau on the island in mid-afternoon. Jim Thraillkill saw it too.

Port Townsend, November 7, 1942:
Holboell's Brebe
PileatedWoodpecker feeding on the berries of the Madrone
Band-tailed Pigeons " " " " " " "
Pintail
Baldpate
Lesser Scaup
Green-winged Teal
Coot
Speckled Goose, one.
Canada Geese
Shoveller
Mallard
American Golden-eye.

December 8, 1942   Corvallis, Ag. Building:

In Dr. Gordon's office and observed many Varied Thrush, lots of Robins and two or three of these had irregular white patches on various parts of their bodies. One had white on the crown, another had white at the bend of the left wing. Another had a large white area on the tail. They didn't seem to be solitary like some of the albino robins which I have observed.

Also we noticed a smaller bird energetically driving the robins and varied thrush away from its. Upon looking at it through the field glasses we found it to be an Alaska ~~Dwarf~~/Hermit Thrush. Why it should want to drive the other birds away, I wouldn't know.

December 21, 1942   Woodburn

Large flight of crows going south at 8:50 this a.m. Also saw Robin, Varied Thrush, Sitka Kinglet, W.E. Grosbeak flocks and Slender-billed Nuthatch.

December 22, 1942   Woodburn, Payzant's   12 noon to 3:30 p.m.

Varied Thrush
Robin
Flicker
Oregon Chickadee
Sparrow Hawk
White-crowned Sparrow
Brewer Blackbird
Sharp-shinned Hawk
Bobwhite
Crow
Meadowlark
Song Sparrow
Junco
Red-tailed Hawk
Winter Wren

Ruby-crowned Kinglet
Gairdner Woodpecker
Stellar Jay
Seattle Wren
Bush Tit
Oregon Towhee
Slender-bill Nuthatch
Harris Woodpecker
Fox Sparrow
Mallard

Baldpate
Red-breasted Sapsucker
Golden-crowned Kinglet
Wilson Snipe
Killdeer

January 12, 1943   * Pipit??
Willamette River, Corvallis, Clear & Cold 5:30 p.m.
One small, solitary bird that was gray above, whitish below, and
had longitudinal white line on wings when in flight. When it
lit it bobbed up & down. Had black bill & feet. Some shorebird ???

January 16, 1943   Oak Creek, 1 mile west of Corvallis   1:30 to 4p.m.
High wind and snowing heavily.

Flicker
Oregon Chickadee
China Pheasant
Stellar or Coast Jay
Western Crow
Robin
Varied Thrush
English Sparrow
American Pipit-- first I have seen seen this winter.
Song Sparrow

January 17, 1943 12-mile Swamp south of Corvallis. 10:50 a.m. to 3 p.m. Cold and windy and snowy in a.m. and clear and cold after noon. With Bob Livezey.

Varied Thrush
Flicker
Junco -- several small flocks of them over the countryside.
Song Sparrow -- at the swamp and seemed to be patterned differently than the local Rusty Song Sparrow.
White-crowned Sparrow-- Along the fence row near Wagner's Butte
Audubon Warbler -- seemed to be scattered small flocks and individuals
China Pheasant -- Many of them.
Sparrow Hawk -- several of them on the fence posts and telephone poles, and they were all in rich plummage.
Robin -- One field had 100's of them.
Crow -- One flock of over 500 was flushed from a sheep pasture.
Western Meadowlark -- scattered indiviquals
Brewer Blackbird --
* We saw one bird in this mixed flock that had white down the center
& * of the tail and white wing primaries, and a buff at bend of wing
Red-wing Blackbird Partial albino
Lesser Canada Goose. There were 100's and 100's (Maybe 2 or 3,000) of these and the -----
Common Canada Goose flying to and from the field around the swamp and circling overhead in large flocks. I took 4 pictures of them. (Good???)
Marsh Hawk -- We saw several of these today, and both of saw as many as at least 4 of them at one time. They were a rather rusty red on the back and the white rump patch showed plainly. They were not very bashful of us. We watched one dive and chase pheasants in an adjoining field. It even chased a small bird (Song Sparrow). When it was over the water it dove and tried to capture Mallards and Pintails, but it was not fast enough. They never dove from very high up, most not being over 10 feet.
Mallards -- large flocks of them on the area
Pintails. The males were in brilliant plumage and there were many of them on the water and circling overhead.
Coots -- Took 4 pictures of them (Good ???)
Green-wing Teal -- Boy ! this was really something to talk about, yes sir ! I would say we saw well over 1000 of these teal circling and dipping and squawking as they flew overhead in one almost solid flock. When they were near the air sounded like a strong wind. Really something that I will not forget.
Shoveler-- Saw just one male and one female today.
Kingfisher-- Seemed to be pretty tame. Always gave its rattle call as it lit on a tree limb. While watching it fly from one tree to another, it stopped its forward motion and hovered while beating its wings, and it lost no elevation, but did back up slightly before going forward again. It hovered for 3 or 4 seconds.
Rusty-song Sparrow
? Semi-palmated Plover -- Flock of about 30 of these came in to the swamp and lit on the vegetation. They had only one band across the chest.
American Pipit -- Saw several flocks of these, both large and small.
Wilson Snipe ---- Saw probably 25 or 30 of these today in our meanderings.
Great Blue Heron - Just one.
Killdeer -- occasional pairs or small flocks
Sharp-shinned Hawk -- saw 2 or 3 of these today
Lesser Snow Goose- In with a flock of Canada Geese. Plainly visible over a half mile away. It tagged along behind a small flock of Canadas and it was calling. Its call was not to unlike the Canadas. Head seemed to have some yellowish or brown on it, as the bird came close. Black wing tips. Over please.

January 17, 1943 Continued: 12 mile swamp.

Marsh or Tule Wren -- One scolded me from the brush along the edge of the swamp.

Raven --

Cooper's Hawk -- Sitting on a fence post near a large flock of geese in an open field.

American Rough-legged Hawk. ---We saw two of these today plus one dead young one not quite full grown. One flew over the marsh and another was weaving in and out along a fence fow trying to capture a Brewer's Blackbird.

Oregon Towhee

35 species today.

Valley Quail along hiway.

January 30, 1943 Corvallis -- Oak Creek, 12:30 to 5 p.m.
Clear but cold, snow well frozen on ground

English Sparrow
Song Sparrow
Audubon Warbler
Western Bluebirds
Slender-billed Nuthatch

Oregon Chickadee
Western Red-tailed Hawk
Coast Jay
Sparrow Hawk
Oregon Junco

Red-breasted Nuthatch
Horned Lark
Meadowlark
Killdeer

Western Crow -- many going into roost at 5 p.m.
American Pipit
Willow Goldfinch
Varied Thrush
Robin

Oregon Towhee
Ruby-crowned Kinglet
Sharp-shinned Hawk
Flicker
Winter Wren

January 31, 1943 Corvallis, Avery Park & South Cemetery Hill
2 - 3^{30} p.m. Cloudy, still, & cold.

Robin
Song Sparrow
Varied Thrush
Junco
Western Evening Grosbeak
Valley Quail
Mallard
Golden-crowned Kinglet

English Sparrow
Slender-billed Nuthatch
Oregon Towhee
Oregon Chickadee
Killdeer
Pheasant
Ruby-crowned Kinglet

Crow
Gairdner Woodpecker
Long-tailed Jay
Brewer Blackbird
Western Bluebird
Bush Tit
California Creeper

American Mergansers flying upstream on Willamette.

Feb. 11, 1943 Corvallis, N. Cemetery Hill, 2 - 4^{30} p.m. Clear, warm, breezy

Seattle Wren
Robin
Sharp-shinned Hawk
Western Redtail
Shufeldt Junco

Oregon Towhee
Song Sparrow
Golden-crowned Sparrow
+ [illegible] (pear cuttings)
China Pheasant

Varied Thrush
Golden-crowned Kinglet
Slender-billed Nuthatch
Western Bluebird
Western Evening Grosbeak.

Corvallis, February 19, 1943 Brook Lane 8:30 to 10 a.m. Foggy and cold.

Flicker
Mallards
15 to 20 Wood Ducks
Great Horned Owl
Pheasant
Audubon Warbler
Junco
Song Sparrow
Robin
Varied Thrush
Oregon Chickadee
Purple Finch.
Crow
Gairdner Woodpecker
Slender-billed Nuthatch 203
Oregon Towhee
Brewer Blackbird

Corvallis, February 20, 1943 Oak Creek, and Peoria. 1 to 4 p.m.

American Pipit
Wilson Snipe
Western Crow
Western Meadowlark
Pheasant
Song Sparrow
Killdeer
Robin
Flicker
Western Red-tailed Hawks (Chasing each other in the air, evidently breeding antics)

Waldport, Yachats, and Corvallis enroute -- Feb. 21, 1943. 8 a.m. to 5 p.m. Foggy and cold, windy too.

American Mergansers -- Pair of brilliant males in full plummage with red bills and all in upper tidewater in Alsea River.
Surf Scoter
California Sea Gulls
Belted Kingfisher
Lewis Woodpecker -- One pair of them in a dead tree near town of Alsea. 204
Western Bluebirds
Ruddy Turnstones -- Large bands of them on the rocks at Yachats and also at Heceta Head. Very noisy, bold, and stayed very close to the edge of the waves.
Juncos
Song Sparrows
Sanderlings -- One small flock of them.
Robins
Varied Thrush
Canvasbacks - — Bay at Waldport

February 23, 1943 Corvallis to Newberg and back 8:30 to 5 p.m.

Flicker
Robin
Varied Thrush
Brewer Blackbird
Wilson Snipe
China Pheasant
Redwing Blackbird
Long-tailed Jay
Coast Jay
Great Horned Owl
Western Meadowlark
Oregon Towhee
English Sparrow
W. Red-tailed Hawk
Song Sparrow 205

Oregon Junco
Western Bluebird
Marsh Hawk
Western Crow
Sparrow Hawk
Killdeer
Mallards
Oregon Chickadee
Purple Finch
Horned Lark
American Pipit
Cedar Waxwing
[illegible] Owl
Chipping Sparrow -- heard & saw just east of Newberg at 3 p.m.
Sharp-shinned Hawk.

Camas Washington, February 27, 1945 Clear and warm with a slight breeze.

Wilson Snipe
Sparrow Hawk
Robin
Crow
Varied Thrush
Flicker -- giving their breeding calls
Oregon Towhee
Mallards on lake on Lacy Island
Balapates -- Large rafts of them on Lacy Island
Pintails -- Some of thes on the same lake.

Screech Owl -- Three of them around Palmer's house calling to each other.
Call was rich and mellow this time. (11 p.m.)
Violet-green Swallow -- Heard the familiar [illegible]
and there it was. First I have seen this year and we haven't
seen them in the Willamette Valley as yet.

February 28, 1945 Camas Washington -- Lacamas Lake and Prune Hill.
Clear and warm, but slightly hazy in the distance.
Chipping Sparrow saw two or three or these today.
Oregon Junco
Varied Thrush
Flicker
Song Sparrow
Robin
Oregon Towhee
American Merganser -- Male and female on Lower Lacamas Lake. Male white showed
brilliantly in contrast to dark head and red bill. Female had
reddish head and neck.
Valley Quail
California Creeper
Pine Siskin -- One flock of about 40 perched in an apple tree near the road.
Golden-Eagle -- While on the summit of Prune Hill a very large golden Eagle
flew over and soared overhead for sometime.
Western Bluebird -- Many small flocks of them in brilliant plumage on the
top of Prune Hill.
Oregon Chickadee --
Coast Jay
Violet-green Swallow -- Saw four of them in one place on the summit of Prune
Hill perched and flying to and from some light wires there. They
would sometimes take off and chase each other giving their familiar
twittering squeaking noises while so doing. When an insect would
fly by, the swallow would leave the wire perch long enough to catch it.

March 1, 1945 -- Corvallis, Campus. Lutescent Warblers
[illegible]
of it. I was attracted to them by hearing their call from near the
Ag. Building.

March 2, 1945 -- Philomath and 8 miles south in foothills. 2 - 4 p.m.
Clear and warm.

Violet-green Swallow
Horned Lark
Western Crow
Western Robin
Varied Thrush
Brewer Blackbird
Oregon Chickadee
Junco
Song Sparrow
Oregon Towhee
Pheasant
Western Red-tail
Flicker
English Sparrow
Sparrow Hawk
Killdeer
Meadowlark
American Pipit
Long-tailed Jay
Vesper Sparrow
Bush Tit

March 5, 1945, 8 to 11 a.m. To John Davis Place on Peoria Ferry road
east of Corvallis. Foggy and cold the first hour or so.

Violet-green Swallow
Wilson Snipe (25 to 30)
Mallard
China Pheasant
Slender-billed Nuthatch*
Sparrow Hawk
Red-breasted Nuthatch
Ruby-crowned Kinglet
Oregon Junco
Seattle Wren
English Sparrow

Crow
Valley Quail
Blue-wing Teal (16)
Killdeer
Robin
Gadwalls (8)
Cliff Swallow
Calif. Creeper
Golden-crowned Kinglet
Lutescent Warbler
Brewer Blackbird

Song Sparrow
Red-tailed Hawk
Flicker
Varied Thrush
~~[illegible]~~
Blue Heron
Oregon Chickadee
W. Meadowlark
Wood Duck
Red-wing Blackbird
Towhee

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March 6, 1945 Mc Fadden 12-miles Swamp 9 a.m. to 3 p.m. Cloudy and windy

Bush Tit
Varied Thrush
Western Robin
Audubon Warbler
English Sparrow
Junco
Oregon Towhee
Northwestern Redwing

Golden-crowned Kinglet
Sparrow Hawk
China Pheasant
Brewer Blackbird
Valley Quail
Greenwing Teal
Mallard
Pintail - many males and females

Western Meadowlark
Wilson Snipe
Killdeer
Song Sparrow
Flicker
Common Canada Goose
Western Crow
Baldpates -- 36 of them

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Burrowing Owl -- Found perched on same spot along the highway two different times at 6 hrs difference.
American Pipit
Coot
Herons -- 5 or 6 of them that perched in the ash trees
Short-eared Owl -- Flew from fence row on road from hiway to swamp. Flapping flight
Shoveler -- One male with a flock of mallards.
Ruddy Duck -- 4 of them, 2 males and 2 females. Fly low and rapidly and once when frightened they dove directly into the water.
American Bittern -- One this trip -- the first seen this year.
Violet-green Swallow -- Large flock of them mixed in with several
Tree Swallows seen for the first time this year. They were dipping into the water.
Virginia Rail -- Flushed from reeds at edge of road between the bridges.
Winter Wren
Tule Wren -- Two of these seen today
Western Red-tail Hawk -- perched in the top of an ash tree near the swamp
OregonChickadee
Slender-billed Nuthatch*
Ruby-crowned Kinglet
Seattle Wren
Gairdner Woodpecker
Marsh Hawk --swooped over a flock of mallards and pintails and then alit on a log floating in the water and just sat there for about 10 minutes.
Raven
Western Evening Grosbeak --flock of about 40 of them
[illegible]
Golden-crowned Kinglet
Red-breasted Sapsucker -- working a white fir tree trunk
Sharp-shinned hawk -- the one that has been hanging near Monroe St. all winter.
Total 50 species.

* -- The nuthatch gave a "Chat-like" call on March 5 and 6 for the first time this year. It is evidently the spring song or something. Last spring I tried to learn it on South Cemetery Hill. It has the tonal qualities of the Chat.

March 9, 1943   Corvallis, Oregon   10 a.m. to 5 p.m.

Varied Thrush
Chestnut-backed Chickadee
Blue Grouse
Violet-green Swallow
Junco (all above at Mary's Peak)
Robin
Flicker and Mountain Quail on North Cemetery hill at Corvallis.
Brownish back, striped sides and chicken-like call.

Duck Trap Pond --
Mallard
Ring-necked Duck
Ruddy Duck
Baldpate
Green-wing Teal
Oregon Chickadee
Western Meadowlark
Brewer's Blackbird
Coot
Redhead
Audubon Warbler
Western Red-tail
Killdeer
Western Meadowlark
Tree Swallow
Western Sparrow Hawk

March 10, 1943 -- 12-mile Swamp and Peoria Ferry   Clear and warm, no wind.

Robin ✓
English Sparrow
Sparrow Hawk
Brewer Blackbird
L. Canada Goose
Coot
Kingfisher
Baldpate
White-crowned Sparrow
W. Redtail Hawk
Western Bluebird
Seattle Wren
Bob White
Junco
Pipit
Burrowing Owl (collected pellets)
Horned Lark
Flicker
Golden-crowned Sparrow
Western Crow
Tree Swallow
Blue Heron
Killdeer
Coast Jay
Gairdner Woodpecker
Audubon Warbler
Ruffed Grouse
Pheasant
Oregon Chickadee
NW Redwing Blkbd.
Violet-green Swallow
Mallard
Green-winged Teal
Pintail
Shoveler
Sharp-shinned Hawk
Marsh Hawk
Raven
Slender-bill Nuthatch
Harris Woodpecker
Turkey Vulture (3)
Oregon Towhee
Wilson Snipe
Varied thrush
Song Sparrow

March 11, 1943
Pied-billed Grebe in slough off Willamette River, just south of Albany.

March 12, 1943
Woodburn, – Willow Goldfinch, Varied thrush, Rufous Hummingbird, Robin, Slender-billed Nuthatch, Bush Tit, Audubon Warbler.

March 15, 1943 – A solitary Band-tailed Pigeon lit on the grass in our yard and then flew into a walnut tree. It didn't want to fly very far, seemingly. It had very little control over its feathers. It may have been young bird [illegible] moulted into adult plumage. Willow goldfinch, Slender-billed nuthatch, Kinglet, Violet-green Swallow, Varied thrush, Flicker, Chestnut-backed Chickadee, Robin, Ore. Chickadee, Junco, Gairdner Woodpecker. Eng Sp. – Meadowlark, Cedar Waxwing Towhee, Brewer Blkbd.

Woodburn, Oregon   March 16, 1943   Cludy and cold

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Winter Wren
Pileated Woodpecker
Violet-green Swallow
Varied Thrush
Song Sparrow

Junco
Oregon Chickadee
Bush Tit
Coast Jay
Slender-billed Nuthatch

Seattle Wren
Flicker
Robin
Ruby-crowned Kinglet
Red-breasted Nuthatch

Valley Quail
Oregon Towhee
Sparrow Hawk
Western Red-tailed Hawk
California Creeper nest under the bark of an old 3' high fir stump, above the ground.

March 18, 1943   Woodburn, Oregon

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First mourning doves seen in a long time.

March 20-21, 1943   Camas and Washougal, Washington   Clear and warm

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Brewer Blackbird
Varied Thrush
Flicker
Junco
Seattle Wren
Oregon Towhee
Coast Jay
Pintail
American Merganser M & F
Western Bluebird

Green-winged Teal
Red-breasted Merganser Male
Ruby-crowned Kinglet
Robin
Song Sparrow
Oregon Chickadee
Turkey Vulture
Violet-green Swallow
Slender-billed Nuthatch
Wood Ducks (La Camas Lake)

Audubon Warbler
W. Red-tailed Hawk
Coot
Great Blue Heron
Horned Lark
Crow
Western Gull
Mallards
Fox Sparrow (Palmer's)

Holboels Grebe -- On the Washougal River just above the dam. Tow of them and they were very scared. They seem to be there the year 'round as I've seen them there.

Cormorants -- At upper end of N. Lacamas Lake. One pair of them. They take off like coots from the water. Solid black or purple black color --- Farallons.

March 23, 1943   Woodburn - Horseshoe Lake, Oregon   Cloudy, but warm 10 a.m. to 1 p.m.

219

Robin
Violet-green Swallow
Junco
Varied Thrush
Tree Swallow
Flicker
Brewer Blackbird
Oregon Towhee
Lutescent Warbler
Ring-necked Pheasant

Slender-billed Nuthatch
Great Blue Heron -- 3 alive and 1 dead, results of having leg caught in crotch of a tree and hangingby it until dead.
Vesper Sparrow
English Sparrow
Mourning Dove
Crow
Ringneck Duck
Redwing Blackbird
Baldpate M followed thru the brush in my rowboat.
Green-winged Teal -2

Seattle Wren
Coot
Raven
W. Bluebirds
Mallards
Golden-crowned Sparrow
Oregon Chickadee
American Pipits (4)

Lesser Scaups (6)
Turkey Vulture
Killdeer
Meadowlark

Wood Ducks -- One or two pairs and 1 large flock of males.

Rufous Hummingbird -- Male doing "love dive". He climbed up about 50', nosed over and dove straight down to the female perched on a shrub. At the bottom of the dive, the sound of the wings checking the fall was great for such a little bird, and he gave certain call notes not heard at any other time.

March 22, 1943   Woodburn, Oregon

Hummingbird on Daphnia in our yard -- a male. Mourning doves common. Varied thrush still here.

March 19, 1943 -- Mollala River along Pacific Hiway.
A Harlequin duck in the river just above the hway bridge.

April 6, 1943   Fort Lewis Reception Center (Hill just north)
5:30 p.m. to 7:30 p.m.   Weather Clear.

Rufous hummingbird
Violet-green Swallow
Seattle Wren singing
Western Crow
1 pr. Valley Quail
Flicker
Brewer Blackbird
Junco
W. Meadowlark
Killdeer
Turkey Vulture
Fox Sparrow
Gairdner Woodpecker
Coast Jay-
Oregon Towhee.
English Sparrow (darker than Willamete Val. forms -- may be from coal smoke in area)

April 10, 1943 -- Puget Sound, Steilacoom to Tacoma

100's Ringnecks
Farallon Cormorant
Ring-billed Gull
White-wing Scoter
Great Blue Heron
Coot
Eared Grebe
Bonaparte Gull
Bufflehead.

April 11, 1943 -- Camas Washington

Rufous Hummingbird, several love dives
Flicker
Robin
Song Sparrow
Purple Finch
Turkey Vulture
Violet -green Swallow
Dipper
Kingfisher
Oregon Towhee
Junco
Cassin's Vireo
Amer. Merganser F catching 5" trout in the Washougal River

April 13, 1943 -- Fort Lewis Wash. 7:30 p.m.   Mountain Quail

April 14, 1943,   Fort Lewis, Wash. Red-breasted Nuthatch

April 28, 1943 --   Ft. Lewis Reception Center 9 a.m. Rainy and windy.
A pair of horned larks. Back of head neck and back rusty brown. Upper tail blackish and white outer tail feathers. They were mating on the ground.

May 2, 1943 -- Woodburn, Oregon Pudding River 10 to 12 noon. 227

Western Evening Grosbeaks
Robin
Violet-green Swallow
Yellow Warbler
Valley Quail
Rufous Hummingbird
California Creeper
Chipping Sparrow
Pacific Yellowthroat
Winter Wren
Wood Duck

Mourning Dove
W. House Wren
Audubon Warbler
Oregon Chickadee
Chestnut-backed Chickadee
N. W. Goldfinch
W. Meadowlark
Slender-billed Nuthatch
Harris Woodpecker
Junco
Song Sparrow

Calif. Purple Finch
Cassin's Vireo
Black-throated Gray Warbler
Oregon Towhee
English Sparrow
Brewer Blackbird
Red-breasted Nuthatch
China Pheasant
Western Bluebird

May 3, 1943 Fort Lewis Reception Center 228

Purple Finch
Rufous Hummingbird
Band-tailed Pigeons
Oregon Towhee
Robin

Audubon Warblers
Coast Jay
Flicker
Junco
W. Crow

May 7, 1943 Klamath Lake, Oregon 8:30 p.m. 229

Saw many White Pelicans flying around the lkke. One overtook the train and passed us like we were standing still. We were doing over 50 at the time.

May 8, 1943 Sacramento Valley, Calif. Along train route Strong wind blowing constantly -- grasses turned brown already. 230

G-W Teal and Mallards in marshland
Lewis Woodpecker
Killdeer

Long-tailed Jay
Avocets
Coots

May 10, 1943 -- B. T. C. #8 Fresno, California.

California Mockingbird -- has a beautiful song, a long tail, is brownish and has a fair sized bill. They would perch on a roof top or telephone pole and sing for long periods, especially in the morning before 10 a.m. 231

May 12, 1943 --- B. T. C. #8 Fresno, California. 232

Mourning Dove
Pacific (?) Yellowthroat
Western Tanager.

California Mockingbird
California Purple Finch

May 16, 1943 -- B. T. C. #8 Fresno, Calif.
California Woodpecker in Eucalyptus tree. Pair of chipping sparrows (very tamE)
Saw Calif Jay chase a Mocking from a Fig Tree. 233

May 23, 1943 -- B. T. C. #8 - Fresno, Calif.
[illegible] shot? White-wing Dove
Flickers Purple Finch Western Tanager Chipping Sparrows (very tame) 234

235

June 2, 1943 Grass Lake Calif (south of Dorris and NE of Shasta and Weed I guess)
Elevation 5063' About noon.

Yellow-headed Blackbirds
Killdeer
Bobin
Cinnamon Teal

Brewer Blackbird chasing a ½-grown baby ground squirrel. There was 1 adult and 5 young present.

Many coots with floating nests of freshly cut rushes, etc. The nests were located in the water between the RR tracks and the hiway. Only a strip about 50' to 100' wide.

Just south of Dorris -- Calif (?) Shrike and W. Meadowlark.

236

June 2, 1943 -- Klamath Falls and lake north of K. Falls 1:30 p.m. Clouds and cool.

Mallard and young
Redhead
Coot
Brewer Blackbird
Gadwall
Caspian ? Tern
2 pair Cinnamon Teal
Pied -billed Grebe
Cormorant (what species?)
Avocet
Killdeer
Mourning dove.

Ruddy ducks (100's of them and males in full plumage)
Baldpate
White Pelican
Lesser Canada Goose and 5 young
Red-winged Blackbird
Black-billed Magpie (100's)
Wilson Snipe
Yellow-headed Blackbird
Black-crowned Nightheron
Great Blue or Treganza's Heron
Wester Grebe and young (also several pairs doing love dance)

237

June 28, 1943 -- Camas , Washington Clear and warm 10 to 11 a.m.
Robin's nest sitting on 4 eggs.
Rufous Hummingbird did 4 consecutive love dives from a height of about 40 feet.
Violet-green Swallows fedding their young in a nest under the eaves at Palmer's.

Yellow Warbler
Crows, one chasing and diving at a
W. Red-tailed Hawk
Oregon Chickadee
N. W. Goldifnch
Olive-sided Flycatcher
Cedar Waxwing
Little Flycatcher
Purple Finch
Long-tailed Chat
Flicker
3Townsend's Warbler
Puget Sound Sparrow

Oregon Towhee
Black-throated Gray Warbler
Black-headed Grosbeak
Brewer's Blackbird
Chipping Sparrow
Western Tanager
Oregon Junco
Tree Swallow chasing a Barn Swallow for 5 minutes
Cassin's Vireo
Song Sparrow
Russet-backed Thrush
Lazuli Bunting

Great Blue Heron came up to him in a rowboat on the lake. He was a bird of the last YearI'S crop. Colors on the head and body were not too well-developed, deep rusty red-brown coming in on the upper legs at the body color. He was not full size yet, either. He handled his large wings, neck, and legs ably. When alighting on a log he "backwaters" with his wings and swings his long, fully extended legs ahead of him as he comes in for the landing.

July 5, 1943 -- Mc Chord Field Wash 0325 PWT

Pacific Nighthawks calling frequently, but evidently still on the ground. Temp. 50.4°F at ground level. 238

July 10, 1943 -- Clover Creek, McChord Field Wash -- Spotted Sandpiper along the edge of the creek.

July 10, 1943 -- Tacoma Wash. Saw Purple Martin fly into a hole in the metal cornice on a 2 story garage building at foot of 12th St. 239

July 15, 1943. McChord - 1 a.m. PWT Pacific Nighthawk Calling. 240

July 25, 1943 -- Washougal River -- 6 miles up 3 p.m.

Saw 6 young Red-breasted Mergansers along the edge of the stream. They couldn't fly. 241

August 1, 1943 -- 4 to 8 p.m. McChord Field to Spanaway Lake, Wash.

Junco
Robin
Western Crow
Ruby-crowned Kinglet
Olive-sided Flycatcher
Western Tanager
Barn Swallow
Oregon Chickadee
Slender-billed Nuthatch
Pied-billed Grebe
Western Gull
Coast Jay
Mallard
Purple Finch
Calif. Creeper
Little Flycatcher
Oregon Towhee
Band-tailed Pigeon
Pacific Nighthawk.

242

Found a Violet-green Swallow nest in a newspaper mail box. The next was at the back of the box. The 4 young were about half-grown. I was attracted to them by their calling or chipping for food. The mail box was about 3 feet off the pavement along the hiway.

August 2, 1943 Point Defiance, Tacoma Wash.

Robin
Junco
Russet-backed Thrush and2young
Bush Tit
White-crowned Sparrow
Black-headed Grosbeak
English Sparrow
Song Sparrow
Little Flycatcher
Olive-sided Flycatcher
Redbreasted Nuthatdh
Slender-billed Nuthatch
Violet-green Swallow
Band-tailed Pigeon
Cassin Vireo
Oregon Towhee

243

August 21, 1943 1100 PWT WecomaBeach 8 pintails flying south along the beach but out over the breakers. They were in formation.

244

August 22, 1943

Wren Tits at Fogarty Creek , Lincoln Co, call half-like Chickadee "mourning cry".
Newport, Oregon -- Coast Jay, Kingfisher, Blue Heron Band-tailed Pigeon,
Ruddy Turnstone.
Eddyville -- Western Red-tailed Hawk.

September 3, 1943   McChord Field , Wash   Sparrow Hawk   245

September 4, 1943   0630 a.m. PWT
2 Mallards picking up gravel along the road going into McChord Field near clover Creek. The male flew first when I approached.

September --15, 1943   Two or Three Pipits seen around the grass areas and hangers at McChord Field.

September 17, 1943   McChord Field Wash.   0700 PWT   246
Large numbers of Barn swallows flying around the hangers this a.m. Also a flock of about 25 pipits flying and calling around the #2 hanger. They like to stay on the roof of the hanger.

1400 PWT. Hanger #2

On the afternoon of September 17, 1943, during a lapse in duties at the Weather Station, I observed a flock of approximately 150 Barn Swallows (Hirundo erythrogaster) that had settled down on part of the concrete runway about 300 yards from the hanger. I was curious so I rode the station's bicycle out to where they were.

As I approached close to them I caught a flash of white in their midst. It was an albino barn swallow. It was of normal size and shape, but its entire body color was a very light grayish-buff. I observed it for several minutes at a distance of about 20 feet and then they flew away.

As they did so, the normal birds seemed to shun the albino and occasionally one of them would actually dive at him. The albino was very east to see in flihgt as long as the flight stayed below the horizon line.

As to the satisfaction of the original question "Why were the swallows on the concrete runway?" -- I did not find the answer.

September 18, 1943 --   Tacoma   512 So 51st St.   Little Flycatcher   Ore. Chickadee
Pipits at McChord Field.

Sept 19 and 20, 1943 -- Pipits at McChord Field.   247

Tacoma Washington near 52 and Pacific September 21, 1943.
2 to 2:30 p.m. Clear and warm, but breezy.

248

Flickers, 2	Juncos, 4
Song Sparrow, 4	Goldfinch, Northwestern, 13
Robins, 5	China Pheasants, 3
Oregon Chickadee, 7	Chipping Sparrows, 2

September 22, 1943 Steilacoom, Wash, and part way back to Tacoma
10 a.m. to 2 p.m. Clear and warm.

249

Killdeer	Holboels Grebe
Robin	Mallards
Coast Jay	Blue Herons on piling in fir tree tops
Flicker	Mourning Dove

[illegible] — Common Tern -- first I have ever seen. They were quite small when compared to the gulls with which they were arguing, to see which would possess the chances at a school of fish below them. They had a high pitched call. Colorations were not very distinct. Have about a 12" wingspread.

Pacific Loon	Meadowlarks
Band-tailed Pigeon	Brewer Blackbird
Kingfisher	Chickadee
Western Gull	

— according to Jewett.

October 2, 1943 McChord Field, Washington. 3:45 p.m. PWT

Fort Dicks and I observed two different short birds at 20 feet, but still couldn't discern the species. [illegible] ~~Upland~~ Plover ([illegible])

One was large and rather dark brown above, lighter below, had short bill and legs. They appeared to be partly webbed. Legs were black. Neck rather long, slim, but stout, and bill-to-tail length might be 12". In flight it dipped and veered from side to side. Body looked short and wings long and tapered when in flight. It emitted a call note or squawk??. — Solitary Sandpiper ([illegible] 10-15-43 250

The smaller bird was brownish above, but more light grayish below. Had slim neck and short bill (Legs were a little longer for size than the larger bird. They flew away together and the smaller had shorter and less-tapered wings.

[illegible]

October 2, 1943. Tacoma, Washington. Cedar Waxwings.

October 4, 1943, Vashon Island, Tacoma Washington. Windy and raining.
11 a.m. to 3 p.m.

Western crow -- large flocks of them flying around the sound. One bunch of 45.

Bonaparte Gull-- Encountered several large groups of them flying over the water or all perched on the sand bars that stick out into the water. In with ther flock were a few

Common Tern -- They always were pointed into the wind. Foreheads white with black more to the side of the head. Got up within 15' of a small group of 8 of them perched on the railing of Shawnee Dock. 251

Herring Gulls	Pine Siskins	Song Sparrow
Bush Tits	White-winged Scoters	Kingfisher hovered in one spot for at least 20 secs.
Seattle Wren	Oregon Chickadee	
Pacific Loon		

Horned ~~or Eared~~ Grebes in winter plumage. 6 of them hung around the area at Magnolia Beach. I sat on the porch of the cabin and watched them through the glasses for over an hour. I watched one of them dive down and come up with an unidentified fish about 5" long. This was 200 feet off shore. He would hold it crosswise in his bill and shake his head vigorously from side to side. He did this with his head in the air and also with the fish immersed in the water. Then he would lay the fish in the water and jab at it with his bill. As the fish was still alive it would try to weakly swim away from the Grebe and so the grebe would have to dive after it again. Later on, 4 of them came in about 25 feet off short and would dive under after sculpins in the shallow water. While I watched, I saw 4 of them catch 6 sculpins in less than 20 minutes. When they had numbed or killed the captured fish, they would work it around in their bill, so that the head would go down the throat first. One of the grebes had to cough it back up one time, because the fish had too much life as it went down the throat. When swallowing the fish, the neck was worked up and down to the side, to facilitate the downward movement of the fish. Also one grebe chased another one that had just come up with a sculpin. The black and white areas on the head were evenly divided with the blakc above.

October 5, 1943 South Tacoma Swamp 69th to 54th St. Tacoma, Wash.
7:30 to 8:30 a.m. 252

Song Sparrow
Northwestern Goldfinch
Redwing Blackbird
Brewer Blackbird
Ring-necked Pheasant
Killdeer
Gadwall, male
Tule Wren
Chestnut-backed Chickadee
Black Pigeon Hawk
Mallards feeding on Duckweed
Bush Tits
Green-winged Teal feeding on Duckweed.
Cedar Waxwings
Robin
Oregon Towhee
Pintails M & F
Coot
Shoveler M & F

October 6, 1943 Tacoma Washington Wapato Lake and Park. 8 a.m. to 10 a.m. 253

Robin
Northwestern Goldfinch
Flicker
Mallards, 40 or 50
Song Sparrow
Coots, about 30
Pied-billed Grebes, about 20 of them all over the lake.
Eared ~~[illegible]~~ Grebes, 1 pair
Bush Tits
Killdeer
Coast Jay
Oregon Chickadee
Cedar Waxwing
25 Baldpates, 10 females and 15 males in this flock

October 8, 1943 Tacoma Washington, South 52 to 56 at A Street
4 to 5:30 p.m. Warm, smoky, calm, and sultry. 254

Large flocks of Bush Tits and Green-backed Goldfinches
Oregon Towhee
Flicker
Oregon Chickadee
Robins
China Pheasant
Seattle Wren
Black Pigeon Hawk flew directly overhead about 10' above me
Coast Jay

Varied Thrush, only one, seen in the underbrush in the woods. It sat on a dead limb in a fir tree for about 5 minutes, while I was watching a Gairdner's Woodpecker, working the bark of a dogwood tree.

Song Sparrow

October 12, 1943 Ashford and up to Paradise Valley, Mt. Rainier Nat. Park, Washington 255

Robin
Flicker
Red-tailed Hawk.
Song Sparrows
Varied Thrush
Bush Tits
Oregon Chickadees

Gray Jays were very tame at Paradise (6000' elev.) and almost lit on my hand.

Clarke Nutcrackers at Ashford -- 6 of them flew across the hiway from one fir grove to another one.

October 21, 1943 W oodburn, Oregon 8:30 a.m. home.

This morning, while at the breakfast table, I heard a commotion outside in the back yard, I looked out just in time to see a Sharp-shinned Hawk fly away, carrying a full-grown robin in its talons. I could not tell if the robin was dead or alive. I went outside, but could not find any loose feathers, so evidently it was an instantaneous kill. The hawk with the robin was also seen by my wife and my folks. 256

At Pudding River the same afternoon I saw Wood Ducks, Flickers, Bush Tits, and Oregon Chickadees. It was windy and raining steadily.

October 27, 1943 Washougal, Washington 10 a.m. to 12 noon. Partly cloudy with high fog, altocumulus, and Cirrus. Strong east wind from up the river. We were 3 miles up the Columbia from Washougal on the river bottom area.

Mallards in flocks on the sand bars.
Green-winged Teal
Baldpate
American Pipits in large numbers
Western Crows
Kingfisher
Black-bellied Plover
About 150 Lesser Canadas going upriver.
Several small flocks of Cackling Geese resting on the sandbars in the river and sloughs.

Western Gulls
Bush Tits 257
Robins
Flicker
Oregon Towhee
Shoveller, 2 males flew low overhead.
Harris Sparrows about 6 of them.
Vesper/

My wife glanced down the river and saw a large flock of what she tooke to be sea gulls. About 5 minutes later they were close by and we both knew for sure that they were Lesser Snow Geese. There were 50 of them, and they were flying wing-tip to wing-tip. The left flank went directly above us about 35' high. The Snow Geese winged steadily on up the river against the strong wind, for they were evidently heading for the Eastern Oregon Flyway. Later there were 4 more that came up the river alone.

October 27, 1943, Camas, Washington, Palmer's Hill.

Ruby-crowned Kinglet
Audubon Warbler
Junco
Oregon Towhee
Western Crow
Cedar Waxwings
Purple Finch
Winter Wren

China Pheasant hen
Sharp-~~tailed~~ shinned Hawk -?
Western Bluebird 258
Oregon Chickadee
Slender-billed Nuthatch
Varied Thrush
Flicker

October 29, 1943 Tacoma, Washington
Lots of geese flying southward today. Windy and stormy.

November 9, 1943 - College Place, Wash. Walla Walla R. (S.) 1:30 to 3:30 p.m. 259
Magpie Red-tailed Hawk Long-tailed Chickadee Merrill Song Sparrow
Kingfisher Meadowlark Mountain Junco

Nov. 11, 1943 - Walla Walla, Wash. 530 p.m. Cloudy and cold.
Park pond near corner of Whitman and Division Sts.
Mallards Baldpates Kingfisher 260

Nov. 12, 1943 - 4 pm Walla Walla Wash. Park Pond.
Mallards, (Males predominant); baldpates (even sexes) Kingfisher 1 Coot
M & F Wood Duck 1 M Pintail Flicker Ring-necked Pheasant.

Nov. 13, 1943 - Walla Walla, Wash. 9-11 a.m. Foggy and cold.
Mallard Kingfisher R-S Flicker Lesser Canada Goose
Baldpate Cackling Goose Coot W. Winter Wren Townsend Solitaire

Nov. 14, 1943 8 a.m. 32° Temp. Very foggy. Sharp-shinned hawk flew to the ground under a lilac bush and stayed there a few seconds before flying up into the bush. He was not after prey. 261
Also saw Mallards, Baldpates, Coot RS Flicker Pintail Wood Duck and Golden-crowned Kinglet.

Nov. 15, 1943 - Walla Walla, Wash 3-4 p.m. Very cold.
Townsend's Solitaire - about 7" long. Slaty gray below. Black Bill. Light ring around eye. Slender body. Black wings. Yellowish bars on wings. White outer tail feathers. Dark slate above. 262
Mallard Baldpate Coot RS Flicker Long-tailed Chickadee
Pintail M. Kingfisher F. W. Robin. M. Bluebird Merrill Song Sparrow
Batchelder's Woodpecker Junco

Nov. 17, 1943 Walla Walla, Wash, & vicinity 3-5 p.m.
Eng. Sparrow Winter Wren Pintail M. Shufeldt Junco Valley Quail **
RS Flicker Wilson Snipe Baldpate Western Robin Gambell's Sparrow
Black-billed Magpie Gadwall* Mallard W Red-tail Hawk Merrill Song Sp.
Ruby-crown Kinglet Sharp-shinned Hawk Kingfisher Cedar Waxwing
Coot Pheasant 263

* A pair of Gadwalls with the mallards and baldpates. Black under tail coverts white wing patch in flight. White belly. Chest and sides appeared grayish. Head had two brown shades to it. Took off directly into the air.

** Came upon a large covey of these quail M & F, and immatures feeding on the ground under Sumac and Creek Dogwood. As we approached, they started "Chucking" and jumped up into the bushes from the ground and then onto the low branches and limbs of the locust trees. Some of them went right up the trunk, vertically to higher branches. One of them came down from the higher limbs by going headfirst, straight down the trunk ! A surprise indeed ! Seeing is believing. The bark of the locust was of such character that this would be possible.

Nov. 20, 1943 - Walla Walla, Wash. 3-5 p.m. Red shafted Flicker Batchelders Woodp
Golden-crowned Kinglet Mallard Pintail M Coot Green-wing Teal
Long-tailed Chickadee Robin Baldpate Gadwall Red-tailed Hawk 264
Wilson Snipe Pheasant Wood Duck M& F

Female Wood Duck slightly smaller than a baldpate. Head dark brownish-gray with white eye patch, pointed to the rear. Wing tips white and white bar near back of folded wing. Head crested, pointed downward. Short, steep-sloped bill. High forehead. Broad tail, blunt. Breast brown; sides reddish brown and belly white.

Nov. 23, 1943 - Walla Walla, Wash. 4-5 p.m.
Flicker, Song Sparrow, Mallards, Baldpates, Wood Duck M&F, JUnco
Golden-crown Kinglet, Sparrow Hawk White-crowned Sparrow.

265

Nov. 28, 1943 - Walla Walla, Wash 33--430 p.m.
Mallards, Baldpates, Green-wing Teail Wood Duck M&F Pintail M
Coot, Junco, RS Flicker, Ruby-crowned Kinglet, Kingfisher.

Dec. 3, 1943 - Oregon Line to Wallula along Columbia River, Wash.
10 a.m. to 1 p.m. Partly cloudy, very strong winds.

Flicker — Green-winged Teal (a few)
Robin — Canada Goose - got up to within 30' of one bunch of 27 along the bank of the river.
English Sparrow
Merrill Song Sp. — Black-billed Magpie
Mallards (100's of them) — Prairie Falcon
Lesser Canada Goose, not many, compared to the Com.
2 Marsh Hawks (one feeding on dead skunk at edge of road.
Gadwalls (4 of them) — Western Meadowlark
Cackling Goose — 2 Red-breasted Mergansers
Montana Juncos — Baldpates
Buffleheads (5 of them) — a male American Merganser
Calif. Gull — Sparrow Hawk
Red Poll ? — White Pelicans - 2 of them flying downstream

266

Sharp-shinned Hawk ~~in~~ tried to catch a female House Finch, out of a flock of about 300 individuals. He fails. The wings are barred and form a white semi-circle over the rump, when the wings are fold

Ravens soared off the top of high cliffs and some were down by the river. Call a sound was a great deal different.

2 Farallon Cormorants seen at close range. I was surprised to see them this far up the river.

Pintails, 50-75, in w~~h~~ith a flock of about 1000 Mallards.

Swainson's Hawk, 3 of them, spent their time flying low over the ducks and geese on the river, but I saw no attempt to catch a duck.

American Golden-eyes, 10-12, seen individually and one flock of 8 flying together downstream. The black head, and back, and white sides show up at a distance, and from 50' to 100' distance, the black head turns a dark green and the nearly round spot on the cheek becomes evident. Underparts and sides all white. White "iner" wings; white on sides when bird is on the set, with faint streaking of black on higher parts.

Navy dive-bombers were "running" the gorge at low levels but the ducks and geese did not pay any attention to them.

Ducks were everywhere by the 1000's and geese by the 100's. They were on sand bars and on the river bank, and were even just floating downstream in large flocks. Most common was the Mallard. It was an inspiring day, indeed.

Dec. 3, 1943 - Walla Walla, Wash. 3 p.m.
Mallard — Coot — Long-tailed Chickadee — Western Crow.
Pintail — Female Belted Kingfisher — Golden crown Kinglet
Baldpate — M & F Wood Ducks

267

Dec. 6, 1943 - High cirrus, scattered to broken Temp. 30 - 35° F.
Pendleton, Oregon 0930 Western Meadowlark E. Sparrow Hawk
Crow. Golden-crowned Kinglet Black-billed Magpie
Duck Hawk Golden-Eagle, Immature Swainson Hawk 268

Hermiston- Umatilla - 3 p.m.
Mallard Pintail Crows (100's) Blue Heron
Green-wing Teal Brewer's Blkbird (100's) Ravens Sparrow Hawk
Black-crowned Night Heron Many Magpies, Umatilla to State Line

Dec. 8, 1943 - Walla Walla, Wash. 0330-0430 pm. Clear and calm.
Mallard, Song Sparrow, Coot, Pintail, Baldpate Wood Duck
Valley Quail, Flicker Sparrow Hawk, Gambell's Sparrow
Pale Goldfinch Black-billed Nuthatch Purple Finch Golden-crown Kinglet
Dec. 11, 1943 - 530 pm Walla Walla, Wash. 269
Great Horned Owl seen on way to Air Base
Dec. 12, 1943 - Walla Walla, Wash. 530 pm.
Pigmy Owl seen by Joan in Maple tree on Boyer St, not far from Whitman Col.
Dec. 18, 1943 - City Park, Walla, Walla, Wash. Mallards, Pintail, Baldpates
Coot, Green-wing Teal, and 1 pair of Wood Ducks.

Jan 1, 1944 - Walla Walla, Wash. Sierra Creeper, Golden-crown Kinglet
Red-breasted Nuthatch
Jan. 2, 1944 - City Park , Walla Walla, Wash. Townsend's Solitaire, Rocky Mtn.
Chickadee Red-breasted Nuthatch Mallards Baldpates, M Pintail
M Wood Duck Coot Kingfisher Golden-crowned Kinglet.

Jan. 3, 1944 -
Walla Walla to Waitsburg - 0830 a.m. Meadowlark, Marsh Hawk, Flicker and
Western Evening Grosbeak.
Waitsburg to Dayton 0900. Meadowlark, Magpoe, Sparrow Hawk.
Central Ferry, Wash. 1-30 p.m. Mallards and 1 pr. of American Mergansers. 271
Colfax to Pullman - Magpie, Meadowlar, Eerruginous Rough-leg Hawk. A great
deal of white up onto the head.
Snake R. Clarkston-Lewiston Bridge 1400. Mallards, Ring-billed Gull.

Jan. 6, 1944 - 5 p.m. 835 Whiteman St. Walla Walla, Wash.
Audubon Warblers - immatures. Killdeer at Air Base.
Jan. 10, 1944 - Walla Walla 8 am Short-eared Owl; 1130 a.m. Flicker, Junco and
Jan. 11, 1944 Walla Walla, Wash. Blue Heron in town. Mallard 272
Jan. 15, 1944 - 1230 p.m. 835 Whitman St. A small flock of about 15 Golden-crown Kinglets and one Sierra Creeper working a fir tree in the yard. The trunk taken care of by the creeper and the branches by the Kinglets. The creeper would go up one side drop down and go up another part of the tree. When the creeper went to another tree the kinglets all followed. I have noticed this same action on other occasions.

Jan. 16, 1944 - Walla Walla 4-5 p.m Mallards, Bladpates, M&2F Wood Ducks, Flicker
Coot, Junco, Sparrow Hawk, Chickadee, Golden-crowned Sparrow, Golden-crowned Kinglet.
Jan. 17, 1944 - Walla Walla, Wash. Clear and 30 mph winds from SW. This a.m. at 8 as I was coming home, flight after flight of ducks, mostly mallards, and a few baldpates were winging their way overhead in a SW and westerly direction. They were in small disorganized flocks and also in large V-formations. There must have been 2-3000. 273

About 10-1030 a.m. they all seemed to be coming back, flying in a NE and easterly direction. Perhaps they had all gone to a gravel bed along some river, to get their grit requirements. This same flight was reported to me 2 days previously.

Jan. 18, 1944 - Walla Walla, Wash. 835 Whitman 0845 a.m. A sharp-shinned hawk lit in the top branches of a 50' tree and I watched him from our window, about 125' away. After a few moments, he made a swoopfor a Forsythia bush beneath our window, where 2 English Sparrows were perched. He scared them, but failed to get ehem. He just sat in the bush, and presently jumped lower and out came both sparrows and he in hot pursuit. Last part I saw ! I wrote this to bring out the acute eye this hawk mustpossess to locate the Sparrows at that distance.

Jan. 18, 1944 - Walla Walla- Wallula, Wash. 10 a.m. Meadowlark, Marsh Hawk. English Sparrow, Mallards, Baldpates, NW Shrike, Pintails (in full plumage) Sparrow Hawk, Black-billed Magpie, House Finch, Western Crow, China Pheasants, Bald Eagle. Not many ducks on the river compared to the same area Dec. 3, 1943.

Jan. 18, 1944 - Snake River Bridge, near Pasco, 11 a.m. Baldpate, Magpie (lots of old nests), Juncos, Mallard, Rock Dove, W. Crow, Amer. Golden-eyes. Cliff Swallow nest uder bridge road work.

Jan. 18, 1944 - Cold Spring Junction, Col. R. Hiway, Umatilla Co., Oregon. Canada Geese, Mallards, W. Crow, Golden Eagle over rimrock, Baldpate, Pintail, Coot, Black-billed Magpie, W. Marsh Wren, Wilson Snipes, Virginia Rail, Treganze Heron.

Jan. 24, 1944 Walla Walla, Wash 315 p.m. Pipits, Flicker and Junco

Feb. 9, 1944 - Walla Walla. Flicker, Screech Owls, Junco Chickadees, Cedar Waxwings, Robin, Sharp-shinned Hawk.

Feb. 12, 1944 - Walla Walla City Park, Bohemian Waxwings - alarge flock.

Feb. 19, 1944 - Walla Walla to Whitman Monument, Wash. Mallards, Baldpate, Eng. Sparrow, White-crowned Sparrow, Marsh Hawk, Chickadees, Meadowlark, Winter Wren, Flicker, Batchelder's Woodpecker, Sharp-shinned Hawk, Golden-crowned Kinglet, Junco, Bush Tit, Pheasant, Valley Quail, Purple Finch.

Feb. 21, 1944 - Lowden, Wash. 2-5 p.m. Mallards, Pintails, Baldpates, Sharp-shinned Hawk, Meadowlark, White-crowned Sparrow, English Sp. Redwing Blackbird, Flicker, China Pheasant, Rocky Mtn. Creeper, Rock Doves.

Feb. 25, 1944 - Walla Walla City Park 4 p.m. Red-breasted Nuthatch, Flicker, Robin Pintail, Coot, Mallard, Baldpate, Wood Duck, Rocky Mtn. Creeper, Gold-crown Kinglet.

Feb. 27, 1944 - Walla Walla to Whitman Monument and back noon - 4 p.m.
Very windy. Temp. 40° Partly cloudy, with cirrostratus overcast.
Flicker noticed several boldly giving what may be their first "love" calls.
W. Red-tailed hawk - two of them hovering over a pastured hillside, and occasionally diving at somethin on the ground, unseen by Joan and I.

Robins
Meadowlarks
Purple Finches
Killdeer

Wilson Snipe
Song Sparrow
Pheasant
Sparrow Hawk M

Black-billed Magpies
Mallards
Green-wing Teal, 1 pair
White-crowned Sparrow.

Western Crow.

March 7, 1944 - Pendleton, Oregon: Mallard, W. Crow, W. Meadowlark, Blk-bill Magpie

Boiling Point, Ore. Dusky Horned Larks (4) in the snow on these open hills.
Meacham, Oregon - Black-headed Jay subsp.
LaGrande-HotLake, Oregon - Marsh Hawk, W. Crow, Mallard, Black-billed Magpies,
Northern Bald Eagle - Heavy bill. Head and shoulders mostly white, some brown. He was on the ground in a pasture that had some brush. Maybe it had a jack rabbit or other form of rodent.
North Powder, Oreg. - Black-billed Magpies, Mallard, and Western Crow.
Durkee, Oregon - Black-billed Magpies, W. Crow, China Pheasants.
Huntington Ore to Weiser Idaho.
American Goldeneyes (same as on Col. R. at Wallula wash.)
Mallard
Redhead (?)
Baldpate
Brewer Blackbird
Lesser Canada Goose
Coot
Marsh Hawk
Nevada Redwing
Green-winged Teal
Bufflehead
Say's Phoebe (?)

Weiser - Payette, Idaho -
Nevada Redwing
Western Meadowlar
Black-bill Magpie
Green-winged Teal
Valley Quail
American Pipits
Wilson Snipe
Western Crow

Near Plymouth to Caldwell, Idaho.
China Pheasant M & F
Western Red-tailed Hawk
Jack Rabbit
Marsh Hawk

March 14, 1944 - Butte Creek, near Payzants (clear and warm) 1-5 p.m.
Douglas Squirrel
Violet-green Swallow
Mourning Dove
Killdeer
Purple Finch
Coast Jay
Ruby crowned Kinglet
Fox Sparrow
Winter Wren
Robin
Meadowlark
Eng. Sparrow
Junco
Mallards
Baldpates
Oregon Towhee
Flicker
Wood Duck M & F

Fairy Shrimps
Phantom Larvae
Ostracod
Backswimmer
Copepod
Red Spider Mite
Water Boatmen
Tree Frog, with eggs just laid.
Triturus & young in jelly mass

Red Salamander (tail constrictions) - found under bark in leaf mold in the forest near Payzants.
Thamnophis sirtalis concinnus - 2½ feet long. spotted sides, very limp and weak.

Another T. s. tetrataenia (Cope) garter snake taken sunning itself on open ground near a berry bush. The ground nearby was still frozen. Has one yellow dorsal stripe. No lateral lines, stripes, or spots. Head brown, ventral surface mottled slate. Body brownish-black Rusty under throat. Length 15". Two yellow dots between the parietals. Iris is brown. Blunt nose. Preoculars-1 super-1 bials 7R & 7L; post-labials are longers. Ventrals 157, scale rows: 18 - 17-18 - 15. Caudals-60. Dorsal scale rows ½-1-½ wide

March 15, 1944 - Abiqua Creek, Oregon 10 a.m. - 230 p.m.
Meadowlark
Brewer Blackbird
Flicker
Song Sparrow
Western Bluebird
Dipper
Wilson Snipe
NW Redwing
Western Robin
China Pheasant
Violet-green Swallow
Oregon Towhee
NW Red-brestd. Sapskr.
Sparrow Hawk
Junco
Audubon Warbler
Varied Thrush
Winter Wren
Kingfisher
Killdeer
W. Red-tail Hawk
Coast Jay

Skunk cabbage is up and out. Trillium, Mourning Cloak, Water Boatman, Triturus.

March 15, 1944 - Milk Ranch, Abiqua Creek 4 male and 3 female Wood Ducks on pond up there. male and female Hooded Merganser swam in plain view of us for 5 minutes or so. The female had reddish head; male plummage is brilliant.
Saw a Coast Jay, too.

March 15, 1944 - Pudding River, 330 to 430 p.m. Woodburn, Oregon

Wilson Snipe	Winter Wren	Chestnut-backed Chickadee
Sparrow Hawk	Coast Jay	Alaska Hermit Thrush.
Brewer Blackbird	2 Mallards

150 Short-billed Gulls: followed behind a tractor and plow feeding on earthworms turned up; near Percy Seely's place.

Wood Ducks, concentrations of 20-30 were found in a pond or backwater in the deep woods along Pudding River.

Chipmunk - very rich deep dark coat.

March 17, 1944 - Corvallis, Oregon

Brewer Blackbird
Killdeer
Robin
Song Sparrow
Mallard
Wood Duck
Crow
Flicker
Oregon Chickadee
Horned Lark
Meadowlark
W. Red-tail Hawk
Tree Frog
Pheasant
Ruby-crown Kinglet
Violet-green Swallow *
Audubon Warbler
Black-throated Gray Warbler*
Baldpate
Wood Frog .

March 28, 1944 - Mountain Home & Vicinity, Idaho.

Western Robin (18)	Killdeer (30)
W. Red-tailed Hawk(2)W. Crow (25)
Nevada Redwing (2)	[illegible] (6) They are very abundant in the sagebrush
Western Meadowlark(10)	country and at the air base and have all been ever since
Brewer Blackbird (2)	I arrived at the base.
English Sparrows (many)

March 30, 1944 - 6-7 p.m. Mtn. Home, Ida. Alto-cumulus scattered, slight breeze.

W. Robin (14)	E. Sparrow Hawk (1)	Long-tailed Chickadee
Killdeer (18)	W. Crow (8)
Eng. Sparrow (60)	Brewer Blkbd. (6)
W. Meadowlarks (22)	W. Red-tail Hawk (1)
Mourning Doves (3)	House Finches (100's)- they all were singing from the tree tops and occasional pairs were observed to be "billing and courting.

March 31, 1944 - Mtn. Home to Boise, Idaho - 11-12 a.m. Scattered cumulus, slight breeze

Desert Horned Larks (30)
Marsh Hawks (7)
W. Meadowlarks (6)
W. Crows (19)
W. Red-tailed Hawk (3)
Flicker (2)
Mallard (23)
Baldpate (9)
Wood Ducks 2M & 2F)
Lesser Canada Geese (2)
Brewer Blkbds (75)
Batchelder's Woodpkr. (1)

C. House Finches (100's still singing and courting in the trees around town.)
Black-billed Magpies (3) (one feeding on conttontail (sp?) run over in the road.)
Also observed a Golden Eagle flying slowly over a sage-covered hill and dropping suddenly to the ground. He flapped his wings after hitting the ground, but we didn't observe whether he got any prey, or not. May have been a jack rabbit, as there are plenty in this area.

Glenn's Ferry to Hammett, Idaho, along the Snake R.: April 1, 1944
Clear with river breeze 10 a.m. to 2 p.m.

W. Meadowlarks (70)
Blk-billed Magpies (50-100)
* Marsh Hawks (8)
Mallards (114)
Swainson Hawk (1)
Sora Rail (1)
Coot (18)
Nevada Redwings (40)
Brewer Blkbd (100)
Wilson Snipe (1)
W. Robins (35)
Killdeer (300) every field had some.
Treganza Herons (6)
Engl. Sparrows (50)
Mtn. Song Sp. (25)
Chipping Sparrows (4)
Pied-billed Grebe (7)
Amer. Merganser M & F
Pintails (10)

American Golden-eyes (275-300) There were in singles, pairs and large flocks. Observed one female jump directly into the air when frightened suddenly. They are a very wary bird, and are hard to get near.

W. Crows (300) some feeding on the ground, others chasing hawks.

Double-crested Cormorants - ~~[illegible] patches~~ - They were flying upstream.

Baldpates (1500) - about equal male and female. They were in pairs and small and large bunches all over the ruver and along the edges under brush on the gravel bars.

American Raven several were seen along the high cliffs on the river. They appeared to have a nest in a crevice in a sandstone cliff (8).

Common Canada Geese (40) - floating down the river and on bars, etc. They all semmed to be traveling in pairs. In one instance a 3rd party tried to join a couple and it was driven off right away.

Ring-billed Gulls (4) White-crowned Sparrow (80) Lesser Scaups (14) - several of them were observed dead along the banks of the river.

American Pipits (12) on the muddy strips off the river bank.

Red Ant Hills Mourning Cloaks (20) Cabbage butterflies (2), cuckoo wasp (1)
Jack Rabbit (1) Desert ? Cottontail (1) - quite reddish on back and sides.

* Three of these came soaring in, overhead, that I could not tell. They seemed to be almost white under wings and body, with black wing tips. No banding or barring of the tail. Top side appeared grayish. About 24-30" wingspread. One was observed to dive repeatedly and intensely at smaller birds, redwings, etc., in the brush on a river island. They could be White-tailed Kites, although I wonder ! No!

April 6, 1944 - Mtn. Home Idaho 2-3p.m.

Brewer Blkbrd
W. Meadowlark
Pale Goldfinch
House Finch
Nevada Redwings
Mtn. Song Sparrow
W. Robin

Water Boatmen, Backswimmers, Whirlagig Beetles
Dytiscidae, Water Striders (body 1" long, and reddish. May Flies.

Tree frogs - maybe ~~not hyla regilla~~ Pseudacris nigrita triseriata. Seemed larger than those in W. Oregon. Heavily banded legs, salmon-red below. Dark and light brown body. Skin warty. Have discs on toes. Heavy dark line through nose and eye to shoulder ⊽ - patch or reminants of it on top of head. One that we captured had throat sack fully inflated and when we put him back in the water he swam crazily, turned sommersaults, dove, and squirmed in the water and came to the surface belly up, and motionless. After perhaps 30 seconds he "came to life", righted hisself, and swam away.

April 7, 1944 - Mtn. Home Reservoir - Dixis - 11 a.m. to 4 p.m. Scattered cumulus clouds strong winds at higher elevations.

At the Reservoir:
W. Crows
Nevada Redwings
Killdeer
House Finches
W. Robins
W. Meadowlarks
Amer. Ravens
Eng. Sparrows
Mallards
Coots
Pintails
Wood Ducks
Lesser Scaups
Baldpates
Cottontail Rabbit

Bufflehead M & F , the male was brilliantly white and the female was quite drab, with a white spot on the side of the head. The male would dive and when he broke the surface the female would dive and when she came up they would both stay up a few moments and then they would repeat the above procedure.

(continued on next page)

April 7, 1944 Mtn. Home - continued:

Reservoir:

Black-billed Magpie. Several pairs were seen and also nests. Found 3 old nests and seven new nests, 2 of which had eggs. One nest, at eye level, had 4 pale green eggs, heavily marked with dirty brown. The other nest, at knee level, had only 3 eggs. The eggs seemed to average 1¼" - 1½" by 3/4" - 1" in size. The vegetation around the reservoir ranged from acres of bur-weed to scattered patches of shrubs (willows) up to 10 feet in height. (One old nest was in sagebrush). Nests were at following levels (the actual nesting cavity) : 7', 6', 6', 4', 5', 2½', 3½', 4½', 5', 6'.

Marsh hawks were in the area and were constantly harassing the pairs of Magpies. As many as 4 were seen at one time. Two being white below and gray above; with black wing tips, and the other two were dark brown with some buffy striping, but all four had the white rump patch. A lot of the time was spent in chasing each other thru the skies. One pair appeared to almost come to "blows" which evidently is part of the courting procedure. They emitted their "squeaks" quite often. They were loud and plain. I observed, simultaneously, both males (grey) set their wings in a glide, let their legs hang limp below their body, and watched them glide to the ground, where they stayed for several minutes, apparently doing nothing, except for the occasional "squeak" note of theirs. These birds lit in open spots about 100 feet apart. Also these male birds would dive from about 200' straight down and when within a few feet of the ground, they "reversed direction", and swooped vertically into the air to about 100', winged over and dove again, and swooped up again to about 50', winged over and dove again, swooped up to about 25' or 30' and did at least 3 more of these vertical dives and climbs at lesser heights. While doing this they occasionally emitted "squeaks".

Dixie & vicinity: Elevation 4000' to 4500'.

The tree frogs, seemed larger than W. Oregons, red under hind legs, blackish voice pouch, and general grayish color above.

Amer. Ravens
Marsh Hawk
Mallards

Turkey Vultures (2) - the first of the year.
Ground Squirrels (picket pins)
Evidence of Badgers digging out ground squirrel burroughs.

April 12, 1944 - Mtn. Home to Reservoir NW of town. 11 a.m. to 3 p.m. Cumulus, cumulo-nimbus, and cirrus. Easterly winds 15-20mph.

English Sparrow - I observed a "colony" of 24 nests in two 30' locust trees in front of a house near the edge of town. All seemed to be occupied. There were others in the area, as well.

House Finch (100's) and I observed one pair building a cotton-lined nest in a honey-suckle vine on the porch of the Lamb place, in town. On April 9, my wife observed 2 greenish (or bluish), spotted eggs in the nest, but they were not there today. However, they may have disappeared is a mystery to us. At any rate, the pair of finches were carrying more building materials to the nest when we left.

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Treganza Blue Heron
RS Flicker
Pipits (4)
W. Robins
Mallards (75) M & F
Baldpates (250 M & F)

Killdeer
Desert Horned Larks (3)
W. Ruby-crowned Kinglet (1)
W. Meadowlark(some singing inthe air, and towering into the air ecstatically)
Buffleheads (2 M&F)

W. Crows (17)
Blk-billed Magpies (10-15)
Ravens (22)
Pintails (12M&F)

Marsh Hawks doing more fancy diving, alighting on the ground and just sitting there. The male bird is always the one that does this.

Nev. Redwings: About 200 males and 15 females in short willow growth. As we approached all the males took perches on the top of all available shrubs and proceeded to scold us thoroughly.

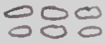
Western Sandpipers (5) observed along the edge of the reservoir: Quite small 3-4" body, black bill and legs. Bill 1-1¼" long. Tawny mottled above. Gray white below. Black spots on folded wings. Plaintive call notes. Head and neck, onto chest, a light gray-brown, streaked. A definite demarcation line between this color and the underside gray-white, on the chest. Their warning notes seemed to be a musical trilled-rattle. Seemed quite bold. Allowed me to approach to 10 or 15 feet, upright, before they flew.

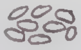
(continued on next page.)

April 12, 1944 Mtn. Home (continued):

Field Mice (Microtus)(2), brownish tail above, gray below. Reddish-brown back. Short and fat. Belly, throat, and cheeks were white. Tail 3" long. Body 3½" long.

Magpie Nests: On April 7 we found 2 with eggs in and today we checked those, and found 3 new ones. Enough to make a study, so here goes:

Nest 1: Now has 6 eggs arranged:  On April 7 it had 4 eggs. The M & F were close by.

Nest 2: Now has 8 eggs arranged:  On April 7 it had 3 eggs. F on nest.

Nest A: Has 1 egg
Nest B: Has 3 eggs
Nest C: Has 4 eggs

(See attached map showing nest locations. We measured distances between.)

April 13, 1944 - Mtn. Home Idaho:

Flushed pair of Hungarian Partridges from a stubble field at the edge of town.

Pale Goldfinches (30)
White-crowned Sparrows (125)
W. Ruby-crowned Kinglet (1)
Engl. Sparrows (100's) and their nests in strips of Poplar trees used as windbreaks. Also one nest in a cavity 25' up in a locust tree.

April 13, 1944 12 noon to 4 p.m.

Wind 15 mph. Very sultry, cumulus, cumulonimbus and Sc clouds. Very little sun.

Today my wife, Joan, and I decided to census the House Finch population with the limits of Mtn. Home, Idaho.

We divided the town into five divisions because of convenience of environmental conditions. The divisions were not of equal size.

Section 1: This took in that minor part of town south and west of the RR tracks. Area of approximately 16 blocks, 4 of which were business district.

We saw 46 males and 36 females

Found nests in Poplar trees at 8 feet and 10 feet
" " " Apple trees at 12 feet and 13 feet
" " " WhiteBirch at 15 feet.

Section 2: Consisted of a strip one block wide and 10 blocks long running between the RR and main street. Mostly buildings. 3 blocks of park. Saw 7 M & 4F.

Section 3: On the N and W side of town with many open lots and fields within the area. Perhaps it was an area total of 30 blocks.

We saw 120 males and 109 females.

Found nests in forks of limbs in Elm trees at 15' & 15'.
" " " locust trees at 14' and 15'
Other nests at 23', 20', and 18'.
One nest in honeysuckle vine on porch at 6½ feet.

Section 4: Consisted of a strip 3 blocks wide, running NE from Main Street. There were four blocks of business district in this section. Total area 30 blocks.

We saw 87 males and 59 females.

One nest in a locust at 25 feet.

Section 5: Consisted of the rest of the town. NE of Main St. and SE of Section 4. Total area in this is about 32 blocks. We saw 115 males and 77 females

Summary:	Males	Females	Total
Section 1	46	36	82
" 2	7	4	11
" 3	120	109	229
" 4	87	59	146
" 5	115	77	192
Totals	375	285	660

Males: 375
Fmles: 285
Total: 660

14 Nests with total ht: 209.5'
Average Nest height: 14.96 feet

According to all laws, we couldn't see them all, if they were all active, and this was definitely their quiet period (early afternoon). I venture to say that theire are over 1000 House Finches in the city of Mountain Home, at this date.

April 15, 1944 - Mtn. Home, Idaho - 2 Short-eared Owls near the edge of town.

AREA I

April 17, 1944 -/ Mtn. Home, Ida, 830 a.m. to 12 noon. To reservoir north of twon 3 miles and back. Clear sky, cold NW wind, ice on small ponds. Joan and I

W. Robin
W. Meadowlark
W. Ruby-cr. Kinglet
W. Crow
Baldpate
Bufflehead 3M&2F
Flicker
Amer. Pipit
Desert Horned Lark
House Finch
Mallard
NW or White-rumped Shrike
Pintails
English Sparrow
Marsh Hawks doing perfect loop-the-loops
Brewer Blackbird,
Nevada Redwings
Raven
2 M Shoveller ducks
Coots (3)
Black-billed Magpies

Black-billed Magpie nest studies continued:

(The hts. are from the ground to the rim of the actual nest cup or cavity.)

Nest 1: 6 eggs - in dead bush, 4' high
Nest 2: 8 eggs - in rosebush at 2½ feet
Nest A: 4 eggs - in willow 44" high
Nest B: 0 eggs - In willow 5' high - on April 12, this nest had 3 eggs. We could find no trace of the eggs.
Nest C: 7 eggs - in rosebush 2½' high
Nest D: 1 egg - in willow, 3' high
Nest E: 3 eggs - in dead willow, 3' high

(Nests B and D are in isolated bushes that is open for at least 25' around them)

Nest E was observed on April 12, and was a nest of last year. Since April 12 it had been rebuilt and occupied. As 3 eggs are missing from Nest B, could they have been carried by the parent birds to this new nest? The two nests are approximately 250' apart. We observed 6 pairs of magpies and there are 7 nests. (One deactivated as of now.)

April 17, 1944 AREA II - South of Mtn Home. 1 mile. Slow-moving creek, sage, brier, and willow. 1-5 p.m. Warm and windy. broken sky, cumulus clouds.. Joan and I

Mallards
Desert Horned Larks
W. Robins
Pipits
Pheasants
Chipping Sparrow
White-crowned Sparrow (gray extends well-down back of neck)
saw one Coyote

Marsh Hawks, observed dark and light phases doing loop-the-loop dives. Flushed a female from the brush where it may have been trying to get a Cottontail that we flushed from the same brush. Also Joan and I located the site where a pair (possibly these two birds) are constructing a nest. It was the male, light-colored phase doing the building. We watched it carry nesting materialto it.

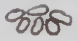
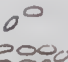
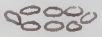
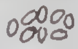
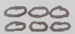
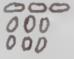
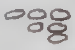
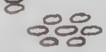
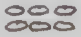
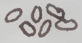
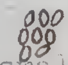
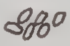
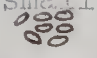
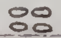
Short-eared Owls, flushed 2 from under sagebrush where they were sitting. They did not fly far, and we walked over and flushed them again. Very fast fliers.

W. Ruby-crown Kinglet
Nevada Towhee
Chukar Partridge - gave call notes while in flight./
found a pair of Redwing wings remaining from some kill.

Also found six dead magpies in the area.

Weasel, found the remains of one killed by a Marsh Hawk. Tail was 5-6" long with a 1" black tip. Body 6" long and colored light red-brown and white. Head was 1½-1¼".

Black-billed Magpies. There were 30 or 40 in this area and we recorded data on 17 of their nests. There were several more that we didn't go to:

Nest #	No. eggs	arrangement	Ht. Nest(ft.)	vegetation type
1	6		4½ (over HOH)	hawthorne
2	0		5	sagebrush
3	2		5 (over HOH)	willow
4	8		6 (over HOH)	sagebrush
5	8		4½ (over HOH)	willow
6	7		4 (over HOH)	willow
7	6		4 (over HOH)	willow
8	6		6	willow
9	6		5	willow
10	7		6(old crow nest)	hawthorne
11	6		5½	willow
12	6		3	?
13	6		4	willow
14	8		6	willow
15	6 eggs small		4½(open on top)	willow
16	7		7	willow
17	4		4	willow
TOTAL	99 EGGS		84= 4.941 FT = 5 FT. AVE. HEIGHT	

WILLOW = 12
SAGEBRUSH = 2
HAWTHORNE = 2
UNKNOWN = 1

April 17, 1944 - continued from previous page:

Western Crow Nest # 1 in Willow at 8 feet. 2 eggs - greenish with abundance of brownish dots and blotches. $1\frac{1}{4}$" x $1\frac{1}{2}$"-13/4"
Nest had bark fiber lining and sheeps wool in the bottom.
Nest 4" deep and 8" across. Contained a yellow beetle, which is of the genus Calligrapha, according to H. A. Scullen, Oregon State, 4-21-44. He said they usually fed on willows.

Western Crow Nest # 2 in willow at 6 feet. 4 eggs - Nest had bark fiber lining. 4" deep and 9" across. Contained a yellow beetle, Calligrapha)

April 21, 1944 - Mtn. Home Area II, south of town.

Pheasant	Brewer Blkbd	White-crowned Sp.	Robin	Magpies
W. Crow	House Finch	Rub-crown Kinglet	Killdeer	Mallard
Redwing	Eng. Sparrow	W. Meadowlark	F Goldfinch of Green-backed Goldfinch	

Marsh Hawks. On April 17, we first found this Marsh Hawk nest, led to it by the male of the species, observed carrying nesting material to it. The nest is in a clump of old "reed or jointed" stemmed weed or grass. It is about 25 feet from a seldom-used farm lane and is about 150 feet from a gravel country road. When the hawk lands at the nest, it does so in plain view of the surrounding area. This site is located in an old abandoned pasture containing clumps of briar and the former described grass. Nearest water is over $\frac{1}{4}$ mile away, and it is a nearly stagnant ditch, about two feet wide. The hawks broke down and crushed the center of this clump for a nest site. The nest itself is about 10 inches in diameter and from $\frac{1}{2}$" to one inch deep. Construction is sloppy or haphazard and consists of dried stems of weeds and grass.

April 22, 1944 - Mtn Home Reservoir north of town. 10 a.m. to 12 noon. Scattered cumulus. 8 mph breeze.

NW or Wh-rupd Shrike	Killdeer	W. Meadowlark	W. Red-tail Hawk
Mallard	W. Crow	Nevada Redwing	Marsh Hawks
Baldpates	House Finch	Raven	W. Vesper Sparrow(very pale)
Robin	Engl. Sparrow	Brewer Blkbd.	Many common or Pale

Goldfinches seen today. Males were beautiful. M & F came close to my call notes.
The birds seem much smaller and slimmer than those of W. Oregon.

Black-billed Magpies and nests.

Nest 1: 6 eggs	Nest A: 6 eggs	Nest C: 7 eggs
Nest 2: 8 eggs	Nest B: 0 (lined with fine rootlets)	Nest D: 2 eggs (horsehair lined)

Nest E: 5 eggs:
Nest F: New - $2\frac{1}{2}$ feet high, not lined yet, but has fresh mud in it.

Nest	Apr. 7	Apr. 11	Apr. 17	Apr. 22	Apr. 27.	May 2,	May 7	May 12	May 17
1	4	6	6	6	[illegible]	6 yng.	6 yng.	6 yng.	6 yng. took 1
2	3	8	8	8	8	1 egg 7 yng	8 yng	8 yng	8 yng.
A	Building	1	4	6	6	6	6 new yng	6 yng	6 yng.
B	Building	3	0	0	0	0	[illegible]	0	0
C	Building	4	7	7	7	4 eggs 3 young	7 yng	7 yng	7 yng.
D	building	Comp.	1	2	4	2	2	?1 yng? ?2 egg?	?1 yng. 2 egg
E	Old	old	remodeling	5	5	5	5	4 yng 1 egg	? yng. 1 egg
F	---	---	---	building new	comp.	1	0 ??	3	7
Total eggs:	7	22	29	34	36	37	36	38	42

It looks to me as if the pair in Nest D are building nest F & plan to move there as the pair in nest B moved to Nest D. It so happens Nests B & D are in exposed open sites. Could be young birds learning their 1st nest-building lessons. I'll bet ! 4-22-44
FGE Jr.

April 23, 1944 - 6 p.m. very high winds. Mtn. Home, Ida. Observed W. Red-tailed Hawks and Cooper's Hawk flying low among the tree tops to avoid the wind, they were heading against the wind, not with it.

April 24, 1944 - 9 a.m. Mtn. Home AAB, Observed Horned Larks and Mourning Doves.

April 24, 1944 - 530 p.m. Area II, south of Mtn. Home. Had rain showers most of day.
Joan and I approached to within 8 feet of the Marsh hawks nest, at which point the female (dark) hawk exploded from the nest site and went away. The nest had been completed since last observed on April 21. The nest cup was grass lined. About 1" deep and 7-8" in diameter. Quite neat. There was one egg in the nest. (took picture). Egg was white, and bluntly oval. $1\frac{1}{4}$"-$1\frac{1}{3}$" x 2" in size.

April 25, 1944 - 8 a.m. to Summit of Bennett Mtn. NW wind clear to scattered Cu and high scattered Ci and Cs.

Mtn. Home: W. Meadowlark. Nevada Redwing, House Finch, Brewers Blackbird
Engl. Sparrow. Flicker 4 Violet-green Swallows Chipping Sparrow

Foot of Bennett Mtn. to the summit and back down 5-8000'. Crow, Meadowlark,
Vesper Sparrow Ruby-crowned Kinglet Audubon Warbler
Black-bill Magpies Swainson Hawk Sparrow Hawk
Cooper Hawk Sharp-shinned Hawk Golden Eagles chasing around.

Saw a Clarke's Nutcracker carrying nesting material to a tree on the NW side of of the mountain (elev. about 65-7000'). We couldn't follow because of the depth of the snow and 60° slope and 6'depth of the snow. Trees in that area were firs.
Alaska Three-toed Woodpeckers - a very noisy pair trying to sing - flew from a clump of firs as we approached.
Saw quite a few hawks today. Soaring over the mountain. Lots of ground squirrels in the sage areas. Also saw one Badger drinking from a creek in a small meadow.

April 26, 1944 - 2 p.m. Area 2 south of town.
Today the marsh hawk nest had 2 eggs in it. (took picture).

April 27, 1944 - Mtn. Home Reservoir - 1030 a.m. to 2 p.m. As-Ac ovc, Cu Scattered.
E 15 mph Warm and sultry.
Found 30" long gopher Snake (Pituophis catenifer sp.) on gravel road. Seemed more heavily blotched than in Western Oregon.
Black-billed Magpies Nestings:

Nest 1: 2 eggs and 4 newly hatched young. They are naked and the skin is brilliant orange. They had skin over eyes, etc. but was discolored bluish there, where eye colors showed through. Blind. Bill is quite soft ¼" to 3/8" long. Legs and wings rounded and undeveloped. They move bodies a little big. Head about 3/4" long. Body $1\frac{1}{2}$" long. No egg shells in nest. The female stayed on till I started to look in the nest.
Nest 2: 8 eggs. Female stayed on nest till we were 5 feet away. Evidently they will hatch in a day or so.
Nest A: 6 eggs. Eggs seem to get darker and richer green as hatching approaches.
Nest B; 0 eggs - Rootlet nest lining torn up.
Nest C: 7 eggs:
Nest D: 4 eggs, 2 on end. Cup quite deep.
Nest E: 5 eggs
Nest F: Completed and lined with rootlets.

Marsh Hawks Crow House Finch Brewer Blackbird, Short-eared Owl
W. Meadowlarks Raven Goldfinch W. Robin ? Merganser.
Killdeer, and we saw one pair that seemed to have a nest, but we searched and searched, but could not locate it..
W. Red-tailed Hawk. Horned Larks
It seems that quite a few waterfowl are on the move. There were lots of Mallards Baldpates and Pintails. Quite a few Green-winged Teal, [illegible] Coots. lots of brilliant male Shovellers, and some females. And the females were seen paired with males. Most of the males were alone,"natcherly". 27 Ring-billed Gull Gulls were at the edge of the reservoir and flying high over it.

April 28, 1944 - Mtn. Home, Ida. South of Town Brkn Cb and Cu. 230-4 p.m.
Marsh hawk nest now has 3 eggs (took picture). Crow nest 2 still has 4 eggs. Nest 1 was torn up. Evidently Magpie work as there are several magpie nests in the same thicket. Egg shells on the ground.
Crow nest # 3 had 5 eggs in it (took picture). Also took shot of nest full of baby magpies, all blind and naked. Also took individual shot from another nest. The skin over eyes was developing slits for eyelids. [illegible] and intestines well-developed. Open mouth readily.
Chukar partridges - one pair.
Found Pheasant egg shell, broken
Also pointed end of chalky white egg (quail size) that had black markings on it, might be the Chukar egg.

April 29, 1944 - Sc. Cu. · W 18 3 p.m.
Marsh hawks nest has 4 eggs. Flushed female from nest twice in a half hour. (took a picture). It seems that an egg is laid every other day. Up to today it has been laid on the day between the days we have visited the nest:

Apr. 17 A Building Nest	Apr. 21 Nest maybe complete	Apr. 24 1 egg	Apr. 26 2 eggs	Apr. 28 3 eggs	Apr. 29 4 eggs	May 1 5 eggs	May 2 5 eggs	May 4 6 eggs
May 6 6 eggs	May 8 6 eggs	May 10 6 eggs	May 12 6 eggs	May 14 6 eggs	May 16 6 eggs	May 17 6 eggs	May 18 6 eggs	May 19 6 eggs

May 1, 1944 - 5 p.m. W 25 Cu scattered 65°F. Marsh hawk nest has 5 eggs in it (took picture).

May 2, 1944 - Clear E2 , 0930 to 11 a.m., Mtn. Home Reservoir, Idaho.
Flushed brilliantly colored Chukar partridge.

W. Meadowlark,
Pipit, large flock
Horned Larks
Robin
House Finch
Violet-green Swallows (6)
Nevada Redwings
Brewer Blackbirds
W. Crows
Ravens
Mallards
Baldpate
Pintail
Coot
Marsh Hawks
Short-eared Owl

Black-billed Magpies:
Nest 1: 6 hatched, skin turning blackish. Have doubled in size since last time. Heads and bills more developed. Eye slits prominent.
Nest 2: 7 hatched, 1 egg, female stayed on nest till we looked in it. It seems that egg shells are carried away from nest, because there is never any sign of them around the nest or on the ground below it.
Nest A: 6 eggs (may be nest is deserted)???
Nest B: 0 eggs (evidently permanently deserted).
Nest C: 4 eggs and 3 young hatched (same condition that #1 young were last time.
Nest D: 4 eggs , eggs seem small and quite pale.
Nest E: 5 eggs, exceedingly large eggs.
Nest F: 1 egg, seemed quite small and pale.

May 2, 1944 - 145 p.m. scattered Cu and Cb, W5, Mtn. Home, Idaho
5 eggs in Marsh Hawk Nest. The male was on the nest and stayed longer than the female would, as I approached. He made a lot of scolding notes as he took off and as long as I was near the nest or within 50 feet of it. All this time the female was observed to be perched on a fence post 200' away, while the male was taking over incubation duties.
Robin: Our robin's nest with 4 eggs had the female sitting on the nest, continuously while carpenters worked on a house within 10 feet of her. Nest is 6½ feet high in a lilac bush.

May 3, 1944 - Mtn. Home 9 a.m. clear and 84.
Mourning Dove on barn yard wire
Yellow Warbler in Maple Tree

Twin Falls - Hagerman - Bliss
Black-billed Magpies
Mallard
Marsh Hawk
Nevada Redwing
Willow Goldfinch
Redhead duck
House Finch
Lesser Scaups
Coots (nesting)
Ruddy Ducks
Western Grebe
RS Flicker - observed pair of them on a telephone pole cross-bar. They bobbed their necks up and down and from side to side all the time uttering queer notes.

May 4, 1944 - 530 p.m. Mt. Home, Idaho, Area #2, south of town.
Flushed female from nest containing 6 eggs of Marsh Hawk. She stayed close and when I stooped to take picture, she set her wings and dove directly for me.

May 6, 1944 - 4 p.m. Mtn. Home, Idaho - Flused female from the nest again, this time there were still 6 eggs. Evidently all that are to be laid. Each day, she stays longer on the nest, as I approach.
The Robins nest still had 4 eggs in in.

May 7, 1944 - 11 a.m. to 2 p.m. Mtn. Home, Idaho, Reservoir.
House Finch
Violet-green Swallows
English Sparrow
W. Meadowlarks
Killdeer
Nevada Redwings
Brewer Blkbird
E. Sparrow Hawk M
American Raven
W. Crow
White-crwnd Sparrow
Barn Swallow
Rough-winged Swallow - getting drinks by dipping into water of the reservois.
Marsh Hawks
Least Sandpipers - saw one pair of them.
Also, Joan and I found a pair of Western Kingbirds near the edge of town. Seemed slightly smaller than a robin, about 8" long. Grayish back, white along side of tail base, yellow below and on chest, and head was a blue-gray or lavendar color. Bill broad and quite long, head profile seemed quite flat. Tail dark. Gave no call notes. No red patchcould be seen on the head.
Mourning doves. - several pairs
Ring-billed Gulls, Mallards, Baldpates, Pintails, Coots
White-rumped Shrike - Also I observed a very white-bellied shrike carrying something in its bill as it flew over us. I watched it, and then we hiked over to the approximate vicinity. One shrike, not so brilliant flew away, giving scolding notes. We walked directly toward one bush, and this first white one came out of it, and perched on top of it. We watched it for several minutes. Bill seemed all black and no barring on the chest. Presently she dipped low off the bush and flew low to another bush a 150 feet or so away, which later proved to contain an old nest. The bird didn't seem over 9" in length. We found a new nest.
Nest is of twigs in a sagebrush with nest cup 3½' above ground. Cup 4" in diameter and from 3½-4" deep. It is lined with dry thistles (leaves). It is partly domed over by large sticks and twigs ¼" or so. The old nest, mentioned above was in a sage with cup at 3' and about 150' from the new nest. The two nests are located within 25 feet of a dry creek bed. All this area is just scrub sagebrush, antelope and rabbit brush. None of it is over 4 feet high.

Black-billed Magpies nests
Nest A: Has 6 young just hatched. Body is about 1½" long. Skin is pink and naked. Parent bird left without a squawk.
Nest B: Still 0 eggs
Nest C: 7 young now about 2¼" long, skin turning blackish. Bird left nest as we approached.
Nest D: 4 eggs - 2 birds close by, on the ground.
Nest E: 5 eggs - no sign of the birds
Nest F: 0 eggs (1 egg here last week). The bird left the nest as we approached.
Nest 1: 6 young well along. Skin black. Tibia 2½" long tarsus 2", feet well-developed. Body about 5" long 2½"-3" deep and 2½" wide. Head and bill 1½" -2". Bill large and pale colored, much broader than long. Feathers

May 7, 1944 - Mtn. Home Reservoir (continued):

developping rapidly: Wing quills on primaries and secondaries $\frac{1}{2}$" long. Tail quills 1/8". Also some coming out on crown of head, nape of neck, chest,/etc. Eyes open. Ear openings developed.
all the way down mid-dorsal back line. Scapulars and pectorals, too.

Nest 2: 8 young this time.

May 8, 1944 - Mtn. Home, Idaho - high ovc. Cs and As.

Female stayed on nest longer this time and then never went more than 10 feet from me while I was near the nest.

Robins nest has 2 eggs and 2 hatched (evidently yesterday). Length $2\frac{1}{2}$", head and bill 1". Black eyeballs large and visible through the skin. Eye lids yellow and developed. Eyes closed. Skin is pink, or flesh-colored, covered by a white or gray down $\frac{1}{4}$-$\frac{1}{2}$" long (very shaggy). It is on wings, head, back, and chest.

May 10, 1944 - Mtn. Home 4 p.m. The female stayed about 10 feet from me all the time I was at the nest and never over 15 feet high. She followed me all the way from the nest to 500-600' away. "Keeking" at me constantly; Finally she left me and went directly back to the nest. Evidently eggs will hatch in a very few days.

May 11, 1944 - 730 to 830 p.m. Cromwell's yard and orchard Ns and Cb brkn.

The robins nest had two eggs and two enlarged young. Bodies about $1\frac{5}{8}$" and head & neck $1\frac{1}{4}$" long. A black color is developing down the middle of the back, and on the scapula and wings. They seem to have the same amoung of fuzz. Female stayed on nest during very heavy rain showers, thunder, and lightning, from the Cb and Ns clouds. Showers drenched her for at least a half hour, as the nest is in the open.

A purple finch began singing loudly just at the moment when the rain from the storm cloud stopped. All birds were quiet during the storm, but were all singing a few minutes later.

Mourning Doves, 2 pair, in the orchard. Found only one nest about 12 feet high in an apple tree. It is of twigs, and has a grass stem lining. It is shallow, the cup being about 1" deep and 3" in diameter. It is poorly constructed, a person being able to see through it quite easily. 2 eggs in the nest, a creamy white color, and 3/4" x 7/8"-1" in size. Both ends rounded equally, but one end seems to have something dark, inside. The surface of the egg reminds me of a "china egg" used under setting hens. The doves did not return to the nest when the rain began.

Western Kingbirds, a pair of them, perched together on a telephone wire. Off & on they would both leave the wire, and utter a lot of courting notes, fly around each other and go back to the wire. One bird would drop from the wire and do a graceful "swan dive" to near the ground and then fly back to the wire. Chest was grayish. Belly, under tail, and up on top of rump yellow. Blackish tail with white outer-tail feathers.

Turkey Vulture - seen soaring overhead just ahead of the storm.

Brewer Blackbird nests:

#1 - 3 eggs. They are a pale or washed out grayish-green marked and splotched with purple, lavendar, or brown. Eggs are $\frac{1}{2}$" x 3/4" in size. Nest in apple tree, 15 feet from the ground. It is made of fine twigs and is lined with quite long horsehair (up to 3" long). The nest cup is 3" deep and $3\frac{1}{2}$" in diameter.

#2. In apple tree, 10' from ground; 3 eggs, color was nearly solid brown. Same dimensions as above. Horsehair lined.

#3. In apple tree, 12' high, 5 eggs, color in between those of nest 1 & 2. Same dimensions as above. Horsehair lined.

#4. Nest in apple, 7' above ground, 3 eggs, ditto, ditto.

#5. In apple, $6\frac{1}{2}$ feet above ground, 5 eggs very pale green, and with very little spotting. Same dimensions, and horse-hair lined.

#6. In apple, 11' above ground 4 eggs, 2 mostly brown, and two mostly gray-green.

#7. In apple 12' above ground. 1 egg, mostly gray-green, but with concentration of brown at the blunt end.

#8. In apple at 6'. 5 eggs, very little brown spotting. The Brewer blackbirds returned to the nests as soon as it started to rain.

May 12, 1944 - Mtn. Home Reservoir   Cu & Ci and Cc sc. and hi-sc.   8 to 11 a.m. E15

American Raven   Killdeer   Yellow Warbler
Western Crow   Meadowlark   House Finch

Western Tanager - 3 m and 2f, in locust trees in cemetery NE of town. And were those males beautiful ! One of them gave call not unlike that of a robin, but weaker. All gave the familiar "pittock" call.

Western Lark Sparrow - adult male perched on sagebrush 10' from me for quite a while, all the time uttering a rather pretty song, but interrupting it with gutteral "churrs" or "buzz". The breast appears almost white and with a black spot in the very center. The tail seems rounded out and is white edged near the rounded corners. Head is chestnut-colored, with white stripe through center of crown and with white stripe through each eye and with a white line angled below the cheek patch. Apair of black marks on the side of the throat.

Western Grebes- Saw 2 pair of them. One pair were evidently courtying, as they were doing a lot of "neck bobbing". They gave very high rasping squeek notes.

Eared Grebes- there were perhaps 30 or 40 (total) on the reservoir this a.m. None were present 5 days before. ~~Saw~~ 2

Wilson Phalarope - Saw 20 or 30 feeding on the damp edge, or wading into the reservoir. Birds seemed mostly white on belly, and with white down back of neck, bordered by black, and this fused into reddish-brown, on side and front of neck and shoulders. They kept giving deep gutteral notes. Back was dark in comparison to underparts. No wing stripe. Some were still in winter plumage. Saw one female chase another female away from a male. Then they land, from flight, they extend their wings vertically over their back.

4 Black-necked stilts were wading in the shallow water about up to their ankles. These are the first I have even seen. They give a "yap ! yap !" call. White below, black above. White face with black around the eye and on the crown. Legs are a reddish pink. Very long. They drag them behind on the takeoff and hold them out behind in flight. Throw them forward like a heron when landing. I was within25' of them.

Saw another shorebird, nearby with them. It was slightly smaller. Generally brownish with grayish head, and darker wings, no stripe in the wings. Black bill, quite long, breast and belly seemed to be finely barred or speckled. May have white line over the eye. About 12-14" long.

Mallard   Balapate   Coot   2 male and a female ? Cinnamon Teal
Pintail   Green-wing Teal   Redheads   Gulls, unidentified.

Northern Phalaropes, 12 of them, out in deeper water, swimming around. Real jitterbugs ! gray head with reddish-brown on the sides.

White-rumped Shrike nest is still about the same, but is now lined with sheepe wool. Cavity is 3" in diameter, and 2½" deep.

Marsh Hawk   male Sparrow Hawks.

Black-billed Magpie nests. Saw one adult lacking all tail feathers. molting?

Nest A: has 6 young in the "black-skin" stage.
Nest B: 0 eggs - a pair of shrikes were hanging around it, and may be going to take it over.
Nest C: 7 young, feathering out. Head partially covered. Primaries 1"long.
Nest D: Has 2 eggs and 1 young (just hatched). It looked dead and it may be the nest is deserted. One egg is missing since last time. May be moved to nest F.
Nest E: 1 egg, 4 young, just out about 3 days.
Nest F: 3 eggs (1 egg, 0 eggs 5 days ago !)
Nest 1: Head completely feathered, back feathered, but bare under wings. Ears partially covered. Part of breast is covered. Primaries are 2½" long. Tail rectrices 3/4" long, eyes are clear and open. Feet are still uncontrollable, with the toes curled over each other. Scales developed. Leg bones seem large and awkward, being over 6" long ?, extended. The bill is growing rapidly. The belly is still very large and out of proportion, soft, and not yet feathered. I took one young out of the nest to make these notes and the parents stayed in a bush beside my head, scolding all the time. When I sat down with the chick, they lit on the ground and hop-

May 12, 1944 - Mtn. Home Reservoir, continued

ped around at my feet and my side. When I left they followed me about 100 feet and lit in the bushes beside me, not scolding this time, but "churring". Oh yes, I put the young one back. It was all I could do to hold it in one hand. (it was about 5"long). The young one ex~~e~~ercised its wings a little bit, too.

Nest 2: The young are about $\frac{1}{2}$ way in development and feathering between those in Nest C and in Nest 1.

May 12, 1944 - Area II, south of town 630 p.m.

Still 6 eggs in nest. The female was not on the nest when we approached, but came soon thereafter. She stayed within 15' or so of the two of us all the time we were at the nest.

May 14, 1944 - Area II, Mtn. home. 6 p.m.

Female on nest. Still just 6 eggs. None hatched as yet. She stayed nearr all the time we were near the nest. No sign of the male.

Crow Nest #2 found on April 17, with 4 eggs in it, now has 4 young birds. Head & body about 8". Skin black, eyes $\frac{1}{2}$open, head is 1" plus across, bill 1" long, ears developed. Wings 5", feet - tibia $2\frac{1}{2}$", tarsus $2\frac{1}{2}$" - no control over claws, abdomen large naked, and soft. Anus prominent. Primaries $\frac{1}{2}$" to 3/4", few feathers on scapula, nape, ptegium, and back (mid-stripe of back), and sides. Tail quills 1/8" long. As a whole, the young crows and their nest is filthy when compared to Magpies. Have lice, scales, etc., etc.

Short-eared Owl. Located a nest in an alfalfa field. It is on the "hump" between small irrigation channels. "hump"is 15" wide. It is a saucer hollowed out in dirt, about 1" deep and 6" in diameter. Bottom is covered with dry short pieces of grass, stems, etc.

Black-billed Magpie - took one young (the last one) from nest I took picture of on April 28th. Body well-covered by feathers except for the abdomen. Tail quills "2, primaries $3\frac{1}{4}$" long.

House Finch nest in poplar tree ~~tw~~ between crotch of large limb and the trunk. Two pale, sparsely brown-spotted, blue eggs about 3/8" x $\frac{1}{2}$"-5/8" in size, and one young hatched. Body had a little fuzz on it. Eyes blind. Body $1\frac{1}{4}$" long.

May 16, 1944 - 830 p.m. Mtn. Home, south of town. Female marsh hawk still on nest. 6 eggs, not hatched yet. Female did repeated and continuous dives at us, pulling out within 2 or 3 feet of us.

We investigated the short-eared owl nest that we found on the 14th. Flushed one bird off the nest. The nest contained one dirty-white egg, bluntly oval, ends are blunt, but partially pointed. Egg $1\frac{1}{4}$" to $1\frac{1}{2}$" by 1" in size.

May 14	May 16	May 17	May 18	May 19
Compl.	1 egg	2 eggs	2 eggs	3 eggs

May 17, 1944 - Mtn. Home, Idaho - 12 noon. The female marsh hawk was really fussy today. She dove at me repeatedly and came within a foot or two of my head, each time !

The short-eared owl nest found on the 14th, thathad one egg in it on the 16th, had two eggs in it today. The adult didn't leave the nest till I was almost on top of it !

Mourning doves - one on nest containing 2 eggs. (I took picture of the eggs).

Western Yellowthroat

Western Tanager Black-headed Grosbeak

May 17, 1944 - Mtn. home Reservoir 4 to 6 p.m. [illegible].

Avocet - saw one pair and a single, wading belly-deep at the edge of the water.

Black-bellied Plover. Saw one pair of these. About 10-12" long. Black face, throat, neck, chest, and belly. White bordering it above on head and neck, and rump. Back of the neck and back and wings is a speckled or mottled gray and white. Wings mostly white in flight. Black bill and dark legs. It has the bait of the Killdeer in running a small ways and stopping.

Wilson Phalarope

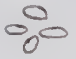
Northern Phalarope

continued -

May 17, 1944 - Mtn. Home Reservoir, continued:

Black-billed Magpies and nests:

Nest 1: The 6 young are about to fly. I took one as a pet for Joan.
Nest 2: The 8 young are about a week behind the development of those in Nest 1.
Nest A: 6 young, no feathers, just a few quills.
Nest B: 0 - still torn up.
Nest C: 7 young, about a week behind nest 1, same as nest 2.
Nest D: 2 eggs and 1 young, Skin beginning to blacken 2½-3" long.
Nest E: 5 young - skin is black-r ed
Nest F: 7 eggs, seemed light tan base color with sparse spotting; much cleaner looking than most sets.

White-rumped Shripe nest has 4 eggs in it. They are a buffy gray with small brownish blotches, denser at the larger end of the egg. Egg is "roundly-pointed". 3/4" x ½-5/8" is size. Arrangement:  The nest is lined with fine feathers, wool, and grass, now.

May 18, 1944 - Mtn. Home 2 p.m. Obs by Joan. Hawk stayed on nest till I was right at the nest. She dived on my head and circled over me calling and scolding. Eggs still not hatched - she stayed in the air scolding till I left the territory.

Short-eared owls nest has only two eggs. Owl stayed on till I was within two feet of the nest.

May 19, 1944 - Mtn. Home 9 a.m. Obs by Joan. Hawk's nest still with six eggs. hawk reacted same as on the 18th.

Owls nest now has three eggs. Owl stayed close by.

Saw a crow and 2 blackbirds chasing a raven.

May 18, 1944 - Hines, Oregon, south of Burns 3 p.m.

Saw male Yellowwheaded Blackbird in the rushes along the edge of the mill pond.

Mtn. Bluebirds, and Lazuli between Millican and Bend.

May 20, 1944 - Camas, Washington, 3-7 p.m.

Black-headed Grosbeak
Western Tanager
Yellow Warbler
MacGillivray Warbler
Towhee
Violet-green Swallow
Russet-backed Thrush (found last year nest at 6 feet in Hazel)
Black-throated Gray Warbler
Audubon Warbler
Band-tailed Pigeons (7)

Blue Heron - saw several making their way to the Columbia river from Lacamas lake. They went out over at different times, but seemed to follow the same line of flight.

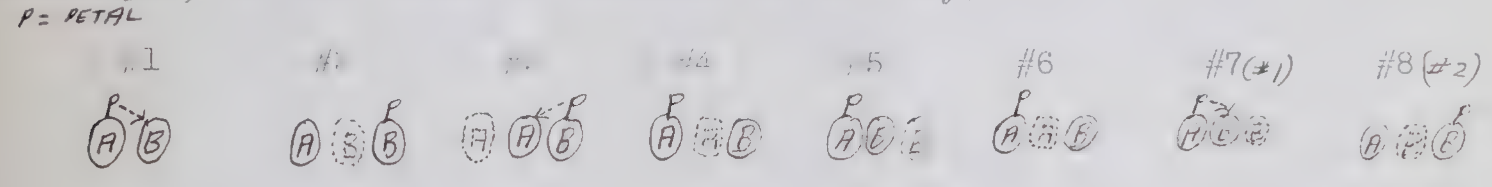
Rufous Hummingbirds. One pair have nest in an Indian Peach bush about 4' above the ground. It is within 2 feet of a woodland roadway up a hill behind Palmer's. Nest is 2" across and 2" deep. The cavity is 1¼ inches in diameter and about 1" deep. It is cotton lined. The outside is covered by moss and lichens. It contained 2 white eggs on May 9, and they hatched on May 17, according to Peggy.

May 22, 1944 - Woodburn, Oregon. Risty Nendel's backyard.

Long-tailed Jay has a nest in aholly hedge. It is 8½' from the ground, near the top of the hedge. It is of heavy twigs, smaller toward the inside, and with the fine rootlets and grasses just under the horsehair lining. The nest cavity is 5" in diameter and 2½ to 3" deep. Contained 4 young. They are feathered slightly on the back, wings, head, few on chest etc. Primaries ½" to 3/4" long. Scapular areas bare. Body feathers generally gray colored. Body about 1½" wide, 2½" long. Bill over ½" and is pinkish.. Head to bill 1¼" long. Eyes are open.

May 3, 1944 - Woodburn, Oregon our back yard 4:30 p.m. 313

Large flocks of cedar waxwings have been flying around this vicinity all day. One group of 40 or so we watched as they fed in an apple tree. The tree had practically all blossomed and the birds were observed to be eating the white petals, and also the stamens and pistils of the blossomed flower. Several pairs were observed to be courting in the following manner: One would pick a petal from a blossom of the apple tree, wad it into a ball, and then put it in the bill of the other. Then it would hop to the side and the first bird would then hop that way too. Then he would get the petal back and hop back to his original position, and then the other would hop back to its first place. Diagram of procedure below, to simplify things: The wings were never opened on these side hopes, but held close to the sides of the body:



Also a Robins nest in our Arizona Cypress at 12' above ground.

May 24, 1944 - Payzant's at Woodburn, Oregon 10 a.m. to 3 p.m. 314

Yellow Warbler
Willow Goldfinch
W. Meadowlark
Brewer Blackbird
Blue Heron
Mourning Doves
Oregon Chickadee
Pileolated Warbler
Vaux Swift
Barn Swallow
Wood Pewee
Hammond Flycatcher

Black-headed Grosbeak
Chipping Sparrow
Cassin Vireo
Western Tanager
Song Sparrow
W. Redtail-hawk
Slender-billed Nuthatch
Blk-thrtd Gray Warbler
Ruby-crowned Kinglet
Calif. Purple Finch
Olive-sided Flycatcher

Robin
Oregon Towhee
Rufous Hummingbird
NW Flicker
Violet-green Swallow
Russet-backed Thrush
Valley Quail
Audubon Warbler
Gairdner Woodpecker
Seattle Wrens and young
Coast Jay

Junco - with young about half grown, that flew OK, white outer tail feathers prominent.

Mac Gillivray Warbler and nest in hazel bush at 7 feet. It is lined with hair and fine grass stems. Outside is covered with moss and lichens. Nest laid in a 3-fork crotch of a limb. Nest cavity is2" in diameter and 13/4" deep. Contained two eggs. 3/4" long and 5/8" wide. They were flesh colored with scattered reddish-brown spots, denser at the blunter end. Eggs are slightly pointed or tapered.

May 25-26, 1944 - Abiqua Creek, 20 miles from Woodburn.

Dipper nest located on the top and end of a large old log, overhanging the water. Nest was of moss, in a dorsally flattened ball-shape, the nest cavity being lined with grass and leaves. Cavity was about 4" in diameter, and 2" deep. Entrance hole 3" in diameter. Contained 3 eggs, white, size 3/4" long and ½" wide. Nto sharpely pointed. Joan turned the nest over, taking it for a piece of moss.

Also we saw 315

Coast Jays
Kingfishers (not nesting yet)
Dipper
Seattle and Winter Wrens
Lazuli Bunting

Russet-backed Thrush
Robin
Western Tanager
Song Sparrow
Brewer Blackbird

Cassin Vireo
Pileolated Warbler (not nesting yet)
Flicker
W. Meadowlark

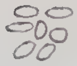
May 28, 1944 - Caldwell, west and east to Boise, Idaho.

Female cinnamon teal on nest and male was close by.

Yellow-headed Blackbirds seemed quite common along the sloughs, ditches, etc., in this area. As I do not know the female, the males were all I saw. 316

Coots, Pintails, Mallards, and a Shoveller, were also seen.

May 28, 1944 - Mtn. Home, Reservoir, Idaho -

The shrike nest now has 7 eggs in it, arranged thus:  (took picture) If not previously noted, the nest is lined with string, wool, and thistle. There was no bird on the nest. Temperature of the air was probably 85-90 degrees today. Did see one adult close by.

Black-billed Magpies. The magpie area was alive with magpies, most of the young having left the nest. The young were easy to catch, as they were ignorant of fear, and they couldn't fly very far. I caught several and released them. Nest data follows:

Nest 1: Empty, all birds being gone.
Nest 2: Empty, all birds being gone.
Nest A: 6 young in the nest, on its edge, and in the same bush as the nest. All ready to leave.
Nest B: 0 eggs - still torn up.
Nest C: 2 in the nest, 5 outside in the nearby bushes.
Nest D: There was one bird in the nest, no eggs in the nest, and no sign of young nearby.
Nest E: 3 young (will leave in a week or so), and one egg.
Nest F: 7 eggs still in the nest.

May 28, 1944 , Mtn. Home, Area II, 5 p.m.

Tried and tried to locate the short-eared owls nest, but since I left the field had been irrigated and the alfalfa and weeds were over 3 feet high. I did locate the nest site, finally, but there were no eggs, either they were lost in the flood, or else the owl moved the eggs to a new site, which I haven't located yet.

The marsh hawk female was on the nest and when she took off, it was at me. She came uncomforably close all the time I was at the nest. There were 3 eggs, and 3 young in the nest. The young seem to have hatched at intervals as variations in their size was evident. The body of the longest was 3½" in length. Eyes are open. Bill black, mouth pink. natal down covers the entire body and wings. It is a buffy or pinkish cream in color.

Two young Mourning doves were in the nest when I flushed the adult from the nest. I took a picture. They were of equal size. Black skin. The cranium part of the head seemed quite enlarged. Large bill for size of the bird. Almost "tube-nosed" in structure. Body was covered thinly with a fine brownish thread or hair-like fuzz about ¼-3/8" long. Body about 2" llong. Head 3/4" long.

May 29, 1944 - Area II, south of Mtn. Home, Idaho. 2 p.m.

Today there were 4 young and 2 eggs. The newly hatch was about ½ the size of the largest young. It could be they are hatching 2 days apart, as a result of being laid 2 days apart at the beginning. If this is so, the first hatched on May 23, the second on May 25th, and the thrid on May 27, and the 4th definitely on the 29th. It so happens that egg one was laid Apr. 23, egg 2 on Apr. 25, etc., making exactly 30 days from laying to hatching. We'll see. The female was not at the nest, but came soon after I got to the nest. The young were peeping loudly, with mouths open. It was very hot and they may have been dry and thirsty. The male and female [illegible] when I got to the nest.

May 30, 1944 - Area II, south of Mtn. Home, Idaho , 3 p.m.

Found Brewer Blackbird nest along edge of road on way to hawk nest. It was in a pile of dead Russian Thistle that had accumulated against a fence. The nest was about two feet off the ground. The nest cavity is 3½" to 4" in diameter and 2½ to 3" deep. The nest is of grass stems and lined with horsehair. There were 5 young. Body and head about 2½" long. The skin on neck and chest is orangish. Gray down on head, back, chest, and wings. Very fine wing quills 3/8" long. Eyes open.

May 30, 1944 - continued: Mtn. Home Idaho. 3 p.m.

The female marsh hawk was on the nest again, as I expected, because we had intermitent thundershowers all day. One instance, we had .17 inch of rain in 30 minutes. This was 2 hours before I visited the nest. Again, she came straight at me, as I approached the nest. Still 4 young and 2 eggs in the nest, which helps to prove conclusions I made yesterday.

apr. 17	Apr. 21	Apr. 24	Apr. 26	Apr. 28	Apr. 29	May 1	May 2	May 4	May 6	May 8	May 10
B building	Nest complete	1 egg	2 eggs	3 eggs	4 eggs	5 eggs	5 eggs	6 eggs	6 eggs	6 eggs	6 eggs

? (assumed!?

May 12	May 14	May 16	May 17	May 18	May 19	May 23	May 25	May 27	May 28	May 29	May 30
6 eggs	6 eggs	6 eggs	6 eggs	6 eggs	6 eggs	1 young 5 eggs	2 young 4 eggs	3 young 3 eggs	3 young 3 eggs	4 young 2 eggs	4 young 2 eggs

May 31	June 1	June 2
5 young 1 egg	5 young 1 egg	6 young

May 31, 1944 Mtn. Home, Area II. 11 a.m.

Female marsh hawk on nest. 5 are hatched. One egg. The largest young is now about 4½" long. No feathers or quills. Still thoroughly covered with down that is a distinctly gray color. No sign of the male. Two of the females breast feathers were lying near the nest.

Also observed a female Brewer Blackbird taking a mouthful of worms to her nest of young, described the 30th.

The two young mourning doves are now 3½" long. Have black skin. Their body is still covered with tan fuzz, quite wiry looking. They have very fine and slender wing quills about 1" long.

June 1, 1944 - Area II, 530 p.m.

The Brewer Blkbd nest found a few days ago, was empty tonight. All young were gone. I heard movements in the tangle of tumbleweedsalong the fence, but couldn't see anything. It may have been the young. Saw several adults carrying worms in their bills.

The female marsh hawk stayed on the nest quite a while in fact, until I was right over the nest. I whistled all the time as I approached the nest. There are 5 young, of various sizes and one egg !

Saw a robin feeding on red-black ants on thëir hill.

.30 inch of raintoday.

June 2, 1944 - Area II Mtn. Home 530 p.m. Strong winds and water puddled on ground.

Female marsh ahwk again on nest and male came this time, when she started screaming. There were 6 young tonight. They appeared a little damp, because their pink skin showed through quite a bit. Still, just down-covered; As the female jumped from the nest, the young were observed to be tumbled about. Evidently they were inside some of the female's chest and belly feathers, for warmth. The female made one very long glide-dive at me, after I had left the nest area, completely. Distance about 300 yards.

June 3, 1944 - Barracks 905-B Mtn. Home AAB, 620 a.m. W25, R- E8ovc. Fc-Sc.

As I walked into the wash room a bird ran across the floor. I caught it, after several minutes of difficulties. It turned out to be a female Mac Gillivray Warbler. What she was doing in the barracks, I don't know, but I turned her loose, outside, under the porch of the barracks, as it was raining.

June 4, 1944 - 8 a.m. to 3 p.m. clear W 18 Area II, south of Mtn. Home 0830 a.m.

Female marsh hawk on nest, and she didn't see me till I got right on top of her. No feathers are present on the young, as yet - still all down-covered.

June 4, 1944 -- Mtn. Home Reservoir - 1030 a.m.

White-rumped Shrike's nest has [illegible] freshly hatched young. [illegible] were laying on the ground, below the nest. The young are naked, bl~~x~~ind (skin over eyes), no ear openings, no bill or mouth, skin still over them, and they are just developing. Body and head 1½" long. Skin is pale orange. The male came within 3 feet of me, while I was on the nest. [illegible] then slipped back into the nest !

Marsh Hawks
Lark Sparrow
Pheasant
Ravens
Willow Goldfinch.
Mourning Doves
W. Crow
Redwings
Nighthawk

Anderson Dam - 12 noon on S. ~~f~~ork of Boise R. - Saw long tailed Chat and Lewis Woodpecker.

Toll Gate, on road to Dixie, Idaho, 2 p.m. Saw several Mourning Doves and two male Bullock Orioles. They were brilliantly colored. I did not see any females. Located a last year's nest 10 feet above the ground on the inside of some draping limbs of an apple tree. The nest hangs cup-like and woven of grasses and long horse-hairs. It is 6"-7" long, and 3" in diameter. Cavity is 4" deep. Upper edges are woven on suspended from small limbs or twigs. The male bullock scolding call is similar to a Brewer Blkbd notes.

Long-tailed Chats, and Chipping Sparrows.
A W. Crow on the nest located over a small stream in an aspen.

June 7, 1944 - With Scott Burke Mtn. Home AAB to Snake R. Canyon 9 a.m. to 3 p.m.

Horned Larks, and plenty of them.
English Sparrows,
Cliff Swallows (actually nesting under overhanging rock cliffs !
Black-billed Magpies - young 1 or 2 weeks out of nest, approached very close to them.
Lazuli Bunting. Raven Brewer Blkbd. Mourning Dove
Western Kingbird Crow Nev. Redwings ~~[illegible]~~ Rock Wren
Redstart, male. Lark Sparrows Blue Heron
~~Nighthawk~~ or Poorwill, several of these sitting on horizontal limbs of trees around a deserted farmhouse. (white band on throat)
Bullock Oriole, male, and a female carrying nesting material. Found start of new nest just 3 feet from an old nest.
Valley Quail, several -
~~Rough-winged~~ or Bank Swallow (dark band across chest)

June 9, 1944 - 5 p.m. SW 10 R- Ac brkn. Mtn. Home, area II.

Visited the hawk nest, female was huddled over two of them, but the other four were just around her, and one was outside the nest. The largest is now 7½" long and stands a good 5" high. It is still completely down-covered, but the wing quills are 2" long, and the tail quills 1½" long. The head and legs are well developed. It even snapped its bill at me as I came close to it ! The female scratched my scalp with her claws on one dive she made today !

June 10, 1944 - Mtn. Home AAB, Idaho. During the past few evenings I have heard several nighthawks overhead. I heard one at 1230 a.m. during a heavy rain strom at the base.

June 15, 1944 - Mtn. Home Area II 9 a.m.

The two mourning doves have left the nest, but I saw them a little later when they flushed from the ground in the orchard. They seemed to be ½ to 2/3 grown, now.

There were at least 8 or 9 nighthawks in one small area in Mtn. Home this a.m. Also saw one of these that seemed to be short and quite fat. It, too, had white throat band, and white wing bars. It gave no call notes. Same as one seen along Snake R.

Western Kingbird Yellow Warbler Western Tanager

June 15, 1944 - Area II, Mtn. Home 9 a.m.

The female marsh hawk was about 600' away from the nest, very busily engaged by pursuing Brewer Blackbirds, as I approached the nest. She came in a hurry, when I reached the nest, and proceded to Dive-bomb me vigorously ! It was a good thing I had a helmet liner on because she hit it 3 times while I was at the nest. There were only two young in the nest, the youngest and the third from youngest, the others being scattered under the surrounding weeds. I got a picture of the two on the nest, with the larger scolding and defying my presence. Here is a description of the largest young bird: Body was 10-11" long, and still predominantly covered with wooly down of a dirty gray color. Bill is yellow on top, has a black tip and sides. Feet are yellow and 4" long. Eyes are dark brown. The wing primaries are 5" long, and a dark gray-brown color. A few feathers and feather quills are present on the shoulder, and under the wing on the [illegible]. The [illegible] all shape and form, the area in a 3 foot radius of the nest now being well-trampled down, and open. The birds can be seen from 3 different directions, as far away as 50 feet. There was no sign of the male being in the vicinity.

June 15, 1944 - Mtn. Home Reservoir - 10-12 a.m.

Saw a raven fly up from a jack rabbit run over in the road, with the two ears and connecting skin of the jack rabbit carried in its bill.

White-rumped Shrike. Adult had no barring on chest and no white or pale color on bill. The nest contained 6 young. Evidently the one egg, that hadn't hatched lasttime, was no good. Description of young: Head and bill 1¼" long, bill is hooked. Body [illegible]" long, fully feathered withgray color and fine white bars.. Wing primaries 1-1½" long. Tail quills ½" long. White feathers sparse on belly. Ear opening partly covered. Foot 1½" and grayish. Claws 1/8" long. The pair of adults stayed close, the brighter one was very bold, and when I would put my hand near the young, it would approach within 4 or 5" of me. However, I couldn't seem to maneuver the sun, the bird, the camera and myself into a satisfactory setup for picture taking.

Mallards (and young)
Pintail
Coots
Redwings
Green-wing Teal
Cinnamon Teal male.
Marsh Hawk
Killdeer
Crow

Wilson's Phalaropes, 2 pair of them.

Black-billed Magpie nest F had the young to the size where they would be ready to leave the nest in a week or so.

Lewis Woodpecker. Saw one near town, on the way back in.

June 17, 1944 - 830 a.m. to 430 p.m. Mtn. Home AAB to Snake R. and return.

A pair of nighthawks have a nest in the rocks and gravel just off the EW runway.

2 White-throated Swifts, very bold and flew close by us.

Horned Larks
Flicker
Lazuli Bunting
Black-billed Magpie
Cliff Swallows
Bullock Oriole
Rock or Canyon Wren
Sparrow Hawk

June 18, 1944 - Area II, S of Mtn. Home 5 p m. 4Cu.

Went to see how the young hawks were getting along, and not a sign of them around the nest. I didn't see any adult hawks in the area, either. I searched the surrounding brush and grass for 100' around the nest. Evidently the adults have moved the young, because I know that at least 3 of them couldn't fly ! How far did they move them? How? Why? Nice questions to be answered. Unless I accidently run across them at a later date, this concludes the Marsh Hawk study began April 17, 1944, just two months ago !

June 20, 1944 - 430 CWT Tinker Field, Oklahoma, City, Oklahoma.

I observed a Horned Lark in the grass just off the runway, to the left of the B-24 I was in. We were waiting to take off. As we swung the plane into the runway, this brought the horned lark into direct line with the full blass of the "prop-wash" , bowling it over ! It recovered and sought shelter behind a large tussock of grass. It hugged the ground as closely as possible.

June 24. 1944 - Mtn. Home Reservoir 9 to 11 a.m.

Bullock Oriole, Killdeer W. Kingbirds and nest. One parent on a telephone wire near the nest, and other adult came soon, thereafter. The second one lit at the edge of the nest and sat on it. The nest was located on a short-cross-arm of the telephone pole, below a transformer. It is at a height of 20 feet, and is made of grass stems and wool.

I visited the shrike nest that had 6 young in it last week. They were all gone, and the nest lining was well-torn up. I saw the parent birds, nearby. but couldn't locate the young. Another mystery, like the hawks ??????

July 2, 1944 - Middleton Idaho 6 p.m.

Lazuli buntings giving strange trills and chirps, and they acted as if they had a nest in a nearby locust tree.

Payette, Idaho 7 p.m. Lewis Woodpecker

Huntington, Oregon 8 p.m. Lewis Woodpecker

July 3, 1944 - Blue Mtns near Meachum, Oregon 1 a.m. By full moonlight I saw 3 elk feeding only 25 feet from the hiway.

Umatilla, Oregon 5-7 a.m.

Eastern Kingbirds   Killdeer   C. Purple Finch   Mourning Doves   Blk-bill Magpie
Western Kingbirds   Mallards   Brewer Blkbird   Ring-billed Gulls   Crow

July 13, 1944 Wood river, above Ketchum near Easely Hot Springs Clear W14 72/33 3 p.m.

Chipping Sparrows - located pair and their nest in dense grass clump in a willow thicket along the river. There were 3 young in it.

Red-naped Sapsuckers. Saw a pair of them. Male had red throat patch and crown. Female had grayish throat patch and red crown. Both were mottled whitish gray on the back. They seemed slimmer and smaller than NW Red-breasted Sapsucker. Had black head, with 2 white lines on each side. I located a nest, containing young, in a quaking aspen. It was 7 feet above the ground, and had a southern exposure. The nest cavity was 1½" in diameter and 3-4" deep, at which point it bend downward . There was another nest cavity, in the same tree, only 6 feet high. It also had a southerly exposure. This appeared to be 2 seasons old, because in another aspen, just 4 feet away, was another nest cavity, that was newer and probably was last years work. It faced NW and was 5½ feet high. When the parent birds brought food, with me standing 5-6 feet away from the nest, they would fly to the hole in the tree opposite the nesting cavity, and go through actions of pretending to be feeding young, in the old hole. After that, they would casually fly or jump the distance to the nesting cavity. All this time the young were making noises of chirrs and chirps. I saw one adult feeding a stonefly and another time a buprestic beetle, about 1½" long.

Stanley Basin, Sawtooth Mtns., Idaho, July 14, 1944 - 8 a.m. to 4 p.m.

Blue Heron, being chased by Brewer Blackbirds.

Western or Least Sandpiper securing gravel from the road. The gravel inthe road must be just the right texture, because there is plenty of grit, elsewhere, and much closer to the water than these birds/were.

Thick-billed Redwing nesting in very small willow bush, about 2" above the middle of the little Salmon River.

Tree-Swallows nesting on beam across top of garage door.

There [illegible] 15 Cliff swallow nests and 1 robin nest, in [illegible] the eaves of an abandoned building. The robin nest was on a small ledge under the eave.

Western Bluebirds   Robin   White-crowned Sparrow
Barn Swallow   Cliff Swallow
Mountain Bluebirds and young.   Killdeer   Marsh Hawk
Olive-sided Flycatchers   West. Tanager   Juncos
Chipping Sparrows   Mourning Dove   Mallards   Yellow Warbler
Rocky Mtn. Jay   Pileolated Warbler.   Swainson Hawk
W. Red-tail Hawk   Pallid Horned Lark

Barn Swallow had mud cup nest under cement bridge across beaver creek. Adult on the nest.

Lewis Woodpecker at Hailey Idaho.

July 25-27, 1944 - Cascade and McCall, Idaho.

Robin   Flicker   Red-breasted Nuthatch
Green-wing Teal   Black-headed Jay   Chipping Sparrow
Eng. Sparrow   Tree Swallows   Amer. Merganser M & F and 5 young on Payette R
Sparrow Hawk   Barn Swallows   West. Tanager, male
Song Sparrow   Mtn. Bluebirds & young   Rufous Hummingbird
? Hermit Thrush   Olive-sided Flyctcher   Hungarian Partridge
Eared Grebe - flock of 15 or 20 chased with a motor boat, near mid-Payette lake.
Bendires Crossbills - quite a few seen along the edge of Payette Lake
Robins feeding on Twinbeery at Mc Call Idaho.

July 29-30, 1944 - McCall Idaho, Payette river..
White-crowned Sparrow - with feeding materials   Black-capped Chickadee
Townsend Solitaire   Tree Swallow   Mtn. Bluebird
W. Belted Kingfisher   Barn Swallows   Song Sparrow
t recorded→Large Shorebird with white cresent rump patch.   R.S. Flicker
Slender-billed Nuthatch   Pine Siskins   W. Robin
Ash-throated Flycatcher   Williamson ? Sapsucker - black head with white stripes on face.
Willow Goldfinch   Sharp-shinned Hawk carrying young robin.
Audubon Warbler.

Council Idaho - Starlings *

August 4, 1944 - Little Brown Cranes seen at Weiser, Huntington, and Durkee.

August 5, 1944 - Camas, Washington - Pileated Woodpecker

August 17, 1944 - McCall Idaho - Payette Lake
Red-breasted Nuthatch   Western Kingfisher   Mtn. Bluebirds
E. Sparrow Hawk   Small Gulls or Terns not recorded   W. Red-tailed Hawk
Junco   Eastern Kingbird   young Mtn. Chickadees.
Clarke Nutcracker 1 pair   Short-eared Owls
Rocky Mountain Creeper   Killdeer

August 18, 1944 - McCall - Osprey, seen in evening, about 50 feet above the lake. It is larger than a Red-tailed hawk, and mostly white below. Wings bent like a gull.
A pair of Arctic (Ladder-backed) Three-toed Woodpeckers

August 28, 1944 - Riggins, Idaho.
Sparrow Hawk.   Flicker   Cedar Waxwings   Black-billed Magpie
Red-tailed Hawk   Kingfisher   Meadowlark

New Meadows, Idaho - Wilson Snipe, Kingfisher, Mourning Doves, Brewer Blkbd.
Starlings?   Mtn. Bluebirds.   Barn Swallows

August 29, 1944 - McCall- Fish Lake, Blue Bunch, and No Business LO.
Sparrow Hawks, and lots of them.   Black-headed Jay   Mtn. Bluebirds
Clarke's Nutcracker at 65-7500'   Red-breasted Nuthatch   Golden crowned Kinglets
Flicker   Raven   Mallards   Kingfisher
Golden Eagle sit on dead pine tree. Blue or Richardson's Grouse
Rocky Mtn. Jay   Blue Heron   Spotted ~~or W. Sol.~~ Sandpiper.

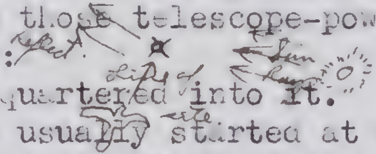
Mc Call Idaho 29 August, 1944 -
American Merganser m & f and 5 young pretty well along in size. Richardson' Grouse
Audubon Warbler.

Banks Idaho, 30 August 1944 - Lewis Woodpecker along Payette R.

Sept. 2, 1944 - Mtn. Home AAF to Snake R. and return.
Short-eared Owl
Horned Larks
Marsh Hawks

Sept. 19, 1944 - Mtn. Home Reservoir and return 11 a.m. to 1 p.m.
Robin (just one)
Killdeer
Cassin Purple Finch
Nevada Redwings
flocks of Pipits
Nevada Towhee
Desert Horned Larks.
W. Meadowlark
W. Mourning Doves
male Lark Sparrow
W. House Wren
RS Flicker
Amer. Raven
W. Crows
Saw-whet Owl
Green backed Goldfinch
5 Black-billed Magpies
Barn Swallow
Golden-crowned Sparrows, Several flocks.

Oct. 10, 1944 - King Hill to Glenn's Ferry, Idaho 10 a.m. to 3 p.m. SE 12-20
Treganza Heron
W. Kingfisher
Mallards 500 or more
Black-billed Magpie
White-crowned Sparrow
Shoveller, 2 males
Baldpates, 40 or 50
Green-wing Teal, 12
Ringneck, 1
W. Crow, flight of 97
Marsh Hawk, females
American Bittern, young of the year.
Killdeer
W. Tree Sparrows, large numbers in the brush along the edge of the river.
Sandhill Crane, gave light gutteral rasping all the time it was in flight.
Osprey, notes on one I observed at from 1335 to 4115 this afternoon.

It came up the river, about 50 feet above the water, hovered, and dove out of sight, into the water, before I realized that it was. As it came up, it seemed to have something in its talons, which later proved erronious. The bird had its right foot deformed, either club or otherwise. Just about the time it had shaken the water off its feathers, it met a female Marsh Hawk, heading downstream, as the osprey flew upstream. Both birds made some high screeching or squeeking notes at each other, and the osprey gave way, and the female marsh hawk continued on in its intended flight, passing almost directly overhead. The osprey circled directly over me several times, but I didn't seem to bother him in the least ! He circled around, and then hovered over a particular eddy, at the edge of the river. It hovered in such a position that its line of sight was 90° or directly crossing the rays of the sun to its right, and also so that it was "down-sun" from the objective in the water, thus not casting any shadow on the water. By this method of sighting and searching with those telescope-powered eyes, it eliminated reflection of the sunlight from the water: 

Quite a strong wind was blowing. All dives were made upwind, or quartered into it. Dives were made at about a 60° slope from the water surface, and were usually started at a height of from 40 to 60 feet. Wings were only partially folded at the start of the dive, but becoming more folded as the dive progressed. They were closed, or folded tightly, just prior to the birds contact with the water. Its entire body went below the surface for about 10 seconds. Then, using its wings to pull its body to the surface, and out of the water, it would fly just above the water, up-wind, shaking its body, tail, and wing feathers vigorously. After two un-successful dives, probably caused by having only one good talon, it flew to the other side of the riverand landed in 4-6 inches of water. It did nothing but sit there, in the water, for about two minutes, and then it started to bathe, using exactly the same motions that I have seen a Robin use, in our bird biath, at home. This bath lasted for at least 7 minutes by my watch, and it was very busy the whole time. When it had finished, it just stayed in the water and looked around. A green-wing Teal flew by, circled, and landed within 5 feet of the osprey. A magpie came down and landed on the gravel beach, just 2 or 3 feet from it. Evidently both of them thought it was a duck, or else were very curious ! Oh yes, later on, I also saw it miss two other dives into that same eddy.

Also saw flickers pheasants, and a Farallon Cormorant, that was flying down-river, but not over the water. It was brownish-black and had a yellowish throat pouch.

October 10, 1944 - Mtn. Home. There are lots of Audubon Warblers in the tree around town. Also the first American Pipits arrived at the air base last Friday, ~~Oct. 6~~. Sept 19

Oct. 13, 1944 - Mtn. Home to Reservoir - 9 a.m. to 1 p.m. SE12 Joan and I.

Black-billed Magpie
American Raven
Sharp-shinned Hawk
W. Meadowlark
Robin
American Pipits, flocks of them.
Flicker
Brewer Blackbird
Horned Lark flock
pair of Red-breasted Nuthatches.
Mtn. Bluebirds, 5 or 6 of them.

Saw-whet Owl - In one of the quince trees in the deserted ranch yard of the canyon. The quince still had their foliage, while the other trees were losing theirs. On Sept. 19 the owl was in the Honey Locust, as those leaves were still quite dense. At any rate, the little fellow didn't so much as bother to move, when we found him. He just looked at us, with those big eyes with the bright yellow iris. We stood within two feet of him, and Joan could have caught it very easily, if she had so desired. He showed no fear of us. (He ? was perched on a horizontal limb of the quince, clutching the hind half of a rodent that he had been feeding on. It was completely eaten to within one inch of the hind legs. The tail was about $2\frac{1}{2}$ inches long, light below and dark above. Body fur was grayish, with a reddish tinge on the back (Microtus ??) But back to the owl. We spent fully a half hour watching him, and he had no fear, just curiosity. Occasionally he would slide that nicitating membrane across his eye, or blink them shut, revealing the heavily grayish furred eyelids. It was 7-8" long and the tail seemed quite short, altho the large head seemed slightly out of proportion. The wings, head, and body were a soft chocolate brown, flecked with white and gray. A few larger light patches on the wings. The under parts were gray-ish-white, with broad, reddish-brown stripes on the chest and belly. The feet were fuzzed right down to the black toenails. (fuzzed white and yellowish-brown). The bill was black. A prominent white V is over and between the eyes, sort of like eyebrows; Quite a bit of white on the forehead. The face was brownish-gray.

Oct. 17, 1944 - Hagerman Valley, along Snake R., Idaho. Joan and I - last trip before leaving for overseas.

W. Meadowlark
Coots (100-200)
Flicker
Baldpates
Western Grebe
Rock Doves
White-crown Sparrow
W. Red-tail Hawk
Brewer Blackbird
Nevada Redwing
Pheasant
Farallon Cormorant
Pintail
Raven
Robin
Mallard
Ruddy Duck
Eared Grebe
Marsh Hawk
Pied-bill Grebe -can sink without diving.
Black-bill Magpie
Calif-Gull
Green-wing Teal

Oct. 20, 1944 - 8 a.m. Snowville, Utah - Magpies and Ravens.
Tremonton Utah - Magpies, Flickers, Western Red-tailed Hawk Brewer Blackbird.

November 3, 1944 - Santa Ana River, Arlington California. 2 miles north of Camp Anza 1730-1830 PWT

Western Kingfisher
W. Meadowlark
E. Sparrow Hawk
Horned Owl
California Creeper
Long-tailed Chat
Screech Owl
Brewster's Snowy Egrets - A flight of 12-14, and they seemed much smaller than the blue heron, but I could see no colors because of the time of the evening. All I saw was their silohuette against the fading light in the west. I did notice that their neck was crooked:

November 5, 1944 - Lake Elsinore, California - 3 p.m.
Green-winged Teal
Pied-bill Grebes
Snowy Egrets

Nov. 6, 1944 - Santa Ana River, 2 miles W of Camp Anza, Arlington Cal. 530-630 p.m.
California Shrikes, 3 or 4 W. Belted Kingfisher W. Mourning Doves
Flicker Coots, 30 or 40 3 Brewster's Snowy Egrets W. Meadowlark singing
Brewer Blackbirds in mixed flock with San Diego Redwing Sparrow Hawk ambitiously
San Diego Towhee.

Nov. 7, 1944 - Mockingbird Canyon, to Arlington Cal - 7 to 930 a.m. w/ Edmund Jaeger
San Diego Wren Red-shafted Flicker Green-backed Goldfinches
Audubon Warbler White-crowned Sparrows Calif. Brown Towheesseemed quite bashful
House Finch Black-chinned Hummingbird and would not fly but moved from
Black Phoebe (shy) Calif. Valley Quail bush to bush, on the ground.
W. Ruby-crown Kinglet W. Crow Baldpates Mallards
Long-tail Jay in orange groves W. Meadowlark Kingfisher Coots
Cactus Wrens (quite a few) about 7" long, with deep harsh scolding notes. Blackish tail with white spotting, seen when in flight. Has a white stripe on the head. Black marking on throat and chest. Buffy spotting on underparts. The body is slightly speckled on the back. Old nests found near the birds, built in Deerhorn Cactus at height of 3-5', were made of grass and feathers and lined with feathers. One of the nests, entire, was gourd-shaped. The cup was about 4" deep and 3" wide. Opened to the east. Whether these nests belong to the wren, I am not too sure.

Costa's Hummingbirds were very common. The body was quite greenish, more somber on the female, and the female has a small light collar below the darker color of the head. Purple flared throat patch of the male, changed shades in different lights Also there is a purple patch on the top of the head. The tail is blackish. They are quite tame, and I approached within a few feet of the perched birds. They give a very irritating squeaking call, continually.

Nov. 7, 1944 - Santa Ana River W of Anza 1030-noon.
W. Crow W. Mockingbirds W. Mourning Doves
Killdeer Willow Woodpecker Red-bellied Hawk
SanDiego Towhee W. Meadowlark

From November 9TH, 1944

to December 18TH, 1945

I was out of the United States.

Notes for that period are contained in
a book on Oceanic notes & one on India.

Fred B. Eiseman, Jr.

December 18, 1945, Camp Kilmer, N. Brunswick, New Jersey.

English Sparrow, and a large flight of Crows, and I saw my first Starlings (Sturnella neglecta) in the eastern U. S., among the camp buildings.

December 22, 1945 - Washington National Airport, Wash., D. C.

Starlings, E. Sparrows, and Horned larks were common on the snow. (Quite dark)

December 23, 1945 - San Rafael, California -

Saw a large American Egret on the tide flats along the hiway. It was all white and had a yellow bill. Also saw coots.

December 25, 1945 - Woodburn, Oregon

Sparrow Hawks

Long-tailed Jays in backyard.

December 29, 1945 - Portland, Pittock Bird Sanctuary.

Saw Juncos, Towhees, and Fox Sparrows at the feeding Shelves.

Also the varied thrush at another one. One Sharp-shinned Hawk flew over the pond. Baldpates were common at East Moreland, but not so many as other years.

January 1, 1946, Woodburn, Oregon.

Robin singing. Pair of Long-tailed Jays making plenty of noise in our Cypress. Also Pacific Tree Frogs were croaking at 7 this a.m.. Temp. 55°F.

January 5, 1946 - Pudding riven and Van Cleaves. 1330-1500. Brkn Altocu. NW ,
Wind SW at 15 mph. Temp. 50°F.

Flushed a Ruffed Grouse and it flew just 20 feet away. Flock of Ruby-crowned Kinglets, Oregon Chickadees, and Red-breasted Nuthatched and Bush Tits went through. Saw 4 Fox Sparrows, and several Rusty Song Sparrows. I got within 30 yards of 3 Green-winged Teal, and 6 Baldpates. Also saw one large Blue Heron land a pond's edge. It took off with a loud croak. Many flocks of Juncos. One White-crowned Sparrow 6 Flickers, a Wilson Snipe. Saw a Meadowlark, and it was singing in flight. Also saw one brightly colored Towhee. English Sparrows, too.

January 10, 1946 - Salem to Woodburn on back river road 230 to 3 p.m.

Many Song and Fox Sparrows, a very few towhees, and a couple of Wilson Snipe. I saw one Coopers Hawk. Also 3 or 4 Long-tailed Jays. They looked smaller than ones seen here at home. Plumage was mature, however. I saw 100's and 100's and 100's of Juncos in small flocks in the roadside brush. I saw a pair of Short-eared Owls in a stubble field. Also one Sparrow Hawk male.

Jan. 13, 1946 , 1300 200' Stratus ovc, 1 mile lght fog, 33°F.

Long-tailed Jays, Oregon Juncos, Robins, and NW Red-breasted Sapsucker in our yard.

Jan. 20, 1946 - Woodburn, Oregon.

Long-tailed Jays, English Sparrows, Juncos, Fox Sp., Varied Thrush, Oregon Chickadee White-breasted Nuthatch, NW Red-breasted Sapsucker; On the ground outside our breakfast room, Dad found a Robin, dead with a broken neck. The mishap was either by the robin hitting our house, or connecting with two electric wire lines that run in to the house at that point. The body was partially warm, but small ants were already crawling over it.

And while cutting limbs off one of the maple trees, two Pine Siskins came into the upper limbs of the tree, and picked samaras, off the twigs, that were still hanging on.

January 23, 1946 , East Moreland, Portland

Thousands of Bladpates, Mallards, and Western Gulls. A few Pintails, male and female, and Crows, a couple of Coots and one bird that was the size and shape of a Guinea hen, ? at at a distance it looked black. And it was feeding on the puddled grass with the ? ducks at 10 a.m., and was there at 330 p.m. when we returned. It rained and drizzled all day, and this bird stayed right out in it.

January 25, 1946, Woodburn, Payzants, 2-4 p.m.

Male Pheasants, Wilson Snipe, Sharp-shinned Hawk, Song Sparrows, many robins, Seattle Wrens, White-breasted Nuthatch, and Juncos. Feeding on flooded land in Hughe's Bottom near Butte Creek were several 100 Short-billed Gulls, mostly immatures. Adults had yellow-green bill and feet. Tail white, mantle light pearl gray, rest of body white. Gray brown body on immatures.

January 27, 1946, Woodburn. The past few nights I have heard the melodious and hollow "bouncing-ball" call notes of the Brewster's Screech Owl (*Otus asio brewsteri*)in the trees by Gills and Klamps yard.

February 1, 1946 - Woodburn, Oregon. The past few days I have seen an immature NW Red-breasted Sapsucker working the trunk of a black walnut tree down the street. Always the same tree and the same part of the bark. Quite interesting, because one day he'll be there in the a.m. and next time in the p.m.

February 13, 1946 - Albany-Corvallis, 11 a.m.

Saw an adult Red-tailed Hawk circling at 80-100 feet above a fence row and all of a sudden plummet earthward with folded wings, but at a checked speed. It pulled out at fence top level and did not go to the ground after any animal, but lit on a fence post instead; The bus was going too fast to see what happened next.

February 15, 1946 - Woodburn, Oregon 1930 PST

I rode the bike around Gill's block to triangulate the location of the Brewster's Screech Owl, giving its call periodically. I deduced it must be in an apple tree behind Gill's house so took the flashlight and went to see. I made lots of noise breaking twigs, etc., but it still called. I saw its form against the sky in the upper limbs of the tree. The full moon was out, making things very bright and easily seen. I put the light on it, but it wasn't bothered. It went on calling. It's eyes shown a deep reddish-pink in the light. It turned its head occasionally and while it looked the other way I "squeeked like a mouse" and it was comical to see it jerk around all of a sudden ! It almost lost its balance on the limb. The bird was quite light gray and tan below. I could not see the back. The head seemed light also. I went elsewhere on my bike for 15 minutes and when I had returned it had flown to a pine tree a block away. I heard it so rode over and spotted it agina with the flashlight. It continued to give its call. Alll evidence points to it being a male, for books say females are a reddish-brown, much darker. The males being grayish colored.

Feb. 18, 1946 Woodburn to Salem and return.

I noticed a great many Sparrow Hawks perched on the poles and wire lines all the way. They have been pretty scarce most of the winter, that is, up to now. 360

Tonight our Screech owl really went to town outside. It hardly paused in its tremelos tonight. This persisted for several hours.

February 25, 1946 - Woodburn, Oregon 2 p.m.

It has been raining all day and just a while ago we had a near cloudburst for a minute or so, and as soon as it past our back yard was full of birds - Juncos, Song Sparrows, Robins, Engl. S., Flicker, w-b Nuthatch, NW Goldfinch, Winter Wren, and 8 Varied Thrush (in varying stages of maturity. The most I have been at one time this winter has been just 2 before, but here were 8 and all feeding on the ground - after flooded insects, and worms, I presume.

25 Feb. 1946 - continued . I still see the NW Red-breasted Sapsucker almost every day on its pet Black walnut tree, rain or shine. And the Brewster's Screech Owl is still "tootling" rapidly and often every night.

March 1, 1946 - Pudding River, Woodburn, Oregon.

The past several days therehave been Audubon Warblers around the house and singing in the neighborhood trees. Saw them today, too. Also saw 8-10 Violet-green Swallows, first ones for the year, out along the river. Oregon Chickadee, Golden-crowned Kinglet, Red-breasted Nuthatch, White-breasted Nuthatch, Robin, Varied Thrush, Meadowlark, Brewer Blackbird, Crow, a flock of 14 Mallards, Red-breasted Sapsucker, Fox Sparrow, Flicker Song Sparrows, Towhee, Winter Wren, Seattle Wren, Ruffed Grouse, Killdeer, Eng. Sparrow.

March 7, 1946 - Woodburn, 2 Chipping Sparrows in our yard. - first for the year.

March 9, 1946 - Corvallis to Otis Junction, Oregon 1-4 p.m.

Western Redtailed Hawk
Western Crows, 50-100
Violet-green Swallows -many.
Western Bluebirds
Brewer's Blackbirds
Willow Goldfinch
Pheasants

Flickers
Song Sparrows
Blue Heron
Meadowlarks
English Sparrow
Streaked Horned Larks
Robin

Sparrow Hawk
Sharp-shinned Hawk
Mallards,
Juncos
Cal. Purple Finch
Killdeer.

March 9, 1946 - Otis Junction to Kernville and Taft 4-6 p.m.

Flicker
Brewer Blackbird
Robin
Song-Sparrow
Eng. Sparrow
Blue Herons

Crows
Western Gulls
Glaucous-winged Gulls
California Gull
White-winged Scoter
Surf Scoter

Whistling Swans in Taft bay.

March 10, 1946 - Nelscott - Newport and Yaquina Bay, all day.
Song Sparrows
Golden-crowned Kinglets (a pair)
Dwarf Hermit Thrush, one in lodgepole below the cabin. It flicked its tail frequently, but it was a dull redbrown.
Several bands of Chestnut-backed Chickadees roved thru this hillside of lodgepole pine. They fed upon the staminate and fruiting cones of the pine.

Crows
Flicker
Winter Wren - in woods east of hiway.
White-winged Scoters
Farallow Cormorants

Glaucous-winged Gulls
Surf Scoters

California Gull
Western Gull
Glaucous gulls, a few,
Harlequin Ducks, one pair of them.
Herring Gull

Kingfishers, Blue Herons and Coots, and Greater Scaups in Taft bay. (Also Whistling Swans)
California Murre, I found one alive, but heavily oil soaked. It was easily approached. Saw one later in the day on offshore rocks just north of Devil's Punch Bowl.

Black Oystercatcher's on the rocks below us at Boiler Bay. We took good movies of a pair. Baldpates, Buffleheads, and Black Brant seen at Yaquina Bay. Also Tree Swallows.

March 16, 1946, Brook Lane, Mary's River, and South Cemetery Hill, Corvallis.

Robin
English Sp.
Long-tailed Jay
Song Sparrow
Oregon Towhee
Ore. Chickadee
Stellar Jay.
Cal. Purple Finch
White-breasted Nuthatch
Flicker
Winter-Wren
Varied Thrush
Audubon Warbler
Rub-crowned Kinglet
Western Meadowlark
Oregon Junco
Kingfisher
Ruffed Grouse
China Pheasant

March 17, 1946 - 325 p.m. Corvallis,

I was looking out the window of my room when my eye caught two "specks" soaring a mile or so to the south. As they approached rapidly, I soon could see they were Turkey Vultures, my first for the year.

March 19, 1946 - Corvallis Gravel Pits, Mary's River and Avery Park

Saw my first Rufous Hummingbird for the year. Varied Thrush are still around. And in the muddy bottom lands I flushed a small (Little Green) Heron (~~or bittern~~) Body about 12" long. Wingspread 15" or so. Back and wings blue-grayish in color. Not too dark. Flew about 50 feet and landed again.

March 20, 1946 - Corvallis-McFadden Swamp, Bellfountain - Philomath - Rock Creek -Corv.

Mallards
4Wood Ducks M&F
Turkey Vultures, many
W. Red Tail Hawks, many
Sparrow Hawks
Sooty Grouse-hooting
Valley Quail
Ring-necked Pheasant
Killdeer
Rock Doves
Rufous Hummingbird
Coast Pygmy Owl - bright daylight
NW Red-breasted Sapsucker
Golden-crowned Sparrow
Violet-green Swallow
Bank Swallow
Stellar Jay
Long-tailed Jay
Raven
W. Crow
Oregon Chickadee
Bush Tits
White-br. Nuthatch
Red-brestd. Nuthatch
Winter Wren
Robin
Varied Thrush
Song Sparrow.
Western Bluebird
Golden-crown Kinglet
Ruby-crownedKinglet
NW or Calif. Shrike
Audubon Warbler
Eng. Sparrow
W. Meadowlark
NW Redwing
Brewer Blackbird
Calif. Purple Finch
Oregon Towhee
Oregon Junco
White-crowned Sparrow

March 27, 1946 - Woodburn, Oregon 9 a.m. Yesterday was our warmest day this year and spring was really here, we thought ! and then we woke this a.m. to find over ½" of snow on the ground. It melted by 11 or noon, however; It was really something to see Camelia Forsythia, Quince, Trilliums, etc., in flower in the snow. Also to see Violet-green Swallows flying in the snow-nipped air.

March 30, 1946 - Woodburn, Oregon. Saw and heard Varied Thrush yet, they haven't gone.

April 1, 1946 - Corvallis, Oregon. W. Evening Grosbeaks around town in large flocks.

April 5, 1946 - Covalllis, A flock of 60-70 Cackling Geese flew over the campus, heading due north. W. Evening Grosbeaks still common in the trees around the campus.

April 6, 1946 - Corvallis, Oak Creek- Baldy.

Turkey Vultures
Sparrow Hawk
Pheasant,
Killdeer
Wilson Snipe
Mourning Doves
Flicker,
Crow
Ore. Chickadee
Sl.bill Nuthatch
Violet-green Swallow
Robin
Varied Thrush
Eng. Sparrow
Meadowlark
NW Redwing
Brewer Blkbd
Song Sparrow

April 6, 1946 - Corvallis - Philomath- Wren - Woods Creek.

Turkey Vulture, Red-tailed Hawks, Pileated Woodpecker,, Violet-green Swallows some species of Flycatcher or Pewee(voice sounded like Olive-sided Flycatcher). Red-breasted Nuthatch, Winter Wren, Ravens circling over the area around Wren. Audubon Warbler, Meadowlarks, Cal. Purple Finch, and Pheasants.

April 11, 1946 -- Corvallis, Brook Lane, Pone beyond gate 1030-1130 a.m.

Saw and heard my first Pacific Yellowthroats since returning to Oregon. This is the first reported for the year, too.

Bernard Smith, Jim Thraillkill and I flushed a Mourning Dove from a newly made nest in a young ash tree, growing close beside an old tree(ash). The nest was made of grasses, and was a shallow cup affair. It was at a height of 6 feet above the edge of the pond, and over the water, as well. There were two pinkish white eggs in it, evidently laid within the past day or two. The nest was on the SE side of the big ash, and therefor sheltered from the NW and W winds etc. The bird flushed from the nest flew about 50 feet away and lit and watched us. After we left, it returned to the nest and stayed on it, even when we passed near it on the way back. Red-tail Hawk was seen also.

April 11, 1946 - Corvallis, Dixon Creek Ridge NW of Corvallis. 1330-1600.
Birds seen were: With Jack Briggs and Dick Hallock

Red Breasted Nuthatch
White-breasted Nuthatch
Bush Tit
Juncos
Sparrow Hawk
Vulture
Evening Grosbeaks
Winter Wren (had nest in area)
Rufous Hummingbird
Coast Jay (had nest in area)
Oregon Towhee
Robin
Flicker
Pileated Woodpecker
Ruffed Grouse
Ruby-crowned Kinglet
Oregon Chickadee
Song Sparrow

At Dick Hallock's place I saw a nesting Seattle Wren. The nest was situated between the necks of 4 bottles of a case of empty bottles on a shelf in their woodshed. The nest was at the back of the case, against the wall, and as nearly out of sight and in the shadows of the shelf above, as possible. It was made of grasses,etc. and the lining was of Barred Rock and Rhode Island Red chicken feathers, mostly body feathers. The inside of the cavity was about 2" across and 1½" deep. The bird was on the nest at the time, and looking at it, all that could be seen was the bill, the eyes, top of head with white lines overthe eyes, and the rump and tail, which was sticking up vertically at the back. I put my face within a foot of the nest and the bird made no effort to move. Up to yesterday afternoon, none of the persons in the house even knew that the nest was there, as the wrens had built it unknown to them. I did not lif~~e~~t the bird from the nest to find out how many eggs there were. Will do that later.

Apr. 13 1946 - Coast Range, 5 mi. W. Philomath 4-13-46
Bob Storm saw one Pygmy Owl in the woods this p.m.

April 14, 1946 - Corvallis to Dixon Creek Ridge, and Return. 2 - 4 p.m.

Wood Duck
Turkey Vulture - saw a pair of them soaring over the fir groves, as if looking for a nesting sight.
Red-tailed Hawk - one was "screaming" from what looked like a nest in a D. Fir.
Sparrow Hawk - pair are nesting in tall snag beside Dixon Creek.
Oregon Ruffed Grouse - flushed from beside the trail near Dixon Creek.
Bob Whites ran across the road in front of me.
Pheasants
Killdeer
W. Mourning Doves
Rufous Hummingbird
NW Flicker
Pileated Woodpecker
Olive-sided Flycatcher
Violet-green Swallow
Coast JayWestern Crow
Oregon Chickadees
Dwarf Hermit Thrush
W. Bluebird
W. Ruby-crowned Kinglet
Cassin's Vireo - first ones for the year.
A udubon Warbler
Eng. Sparrow
W. Meadowlark
Brewer Blackbird
NW Redwing
W. Evening Grosbeaks- in flocks
Red-breasted Nuthatch - excavating nest cavity on underside of nearly horizontal limb of oak tree 30 feet above the ground. Limb faces east.
Seattle Wren
Winter Wren
Western Robin
Green-backed Goldfinch
Oregon Towhee
Oregon Junco
W. Chipping Sparrow
Cal. Purple Finch
N Pine Siskins
Willow Goldfinch
Puget Sound Sparrow
Golden-crowned Sparrow
Song Sparrow.

April 15, 1946 — Corvallis, 10 a.m. — Yellow Warbler Heard & saw my first one in a birch tree

April 17, 1946 - Calapooya River, 3 p.m.

Found a Cliff Swallow lying dead along the bank of the stream, and so far this year I have not even seen them flying around here !

Flushed a pair of Vesper Sparrows in a meadow near the river.

April 18, 1946 — Dixon Creek, N of Corvallis, 3 p.m.
Saw one flycatcher, genus Empidonax, but I wouldn't say [illegible]
Found nest of great Horned Owl.

Apr. 19, 1946 — Nash Lake, Yaquina R., headwaters —
Several Kingfishers, & one Cassin's Vireo.

Apr. 20, 1946 — N. Fork Silver Creek headwaters. —
Saw many Blue grouse today.

Apr. 21, 1946 — Woodburn —
Audubon Warbler, Chipping Sp., Song Sp., & 2 sets of Robins were all busy nest building in our yard today.

April 24, 1946   12-mile Swamp, McFadden's   2-5 p.m.   With Charley Cutress

Great Blue Heron - saw just one at quite a distance.
Mallard - Saw several pairs and found the nests of two pair. One had 10 and the other 11 eggs in the set.
Green-winged Teal - present in considerable numbers.
Shoveller - Saw several males, but could not identify any females.
Turkey-Vulture - Several seen soaring over the marsh this p.m.
Red-tailed Hawk - saw just one over the swamp area.
Bob-White Quail - saw just one in field adjacent to the swamp.
Pheasants - seemed plentiful in all areas around the swamp.
Virginia Rail - Saw three birds, and found two nests. 10 eggs in one, 11 in the other.
Killdeer - a pair seemed to have a nest in the gravel along the road by the swamp.
Greater Yellow-legs - Saw a few solitary ones and one flock or 30 or so of them wading in the swamp. They wheeled and banked in flight just like Teal. They were very noisy and gave their "kip kip kip" frequently.
Wilson Snipe - I flushed them by the dozens this p.m. They were everywhere I walked.
Mourning Dove - saw just one.
Barn Owl - I found a light, but richly colored individual in some scrub ash in a thicket out in the swamp area. It flew and Redwings chased it all the way across the swamp.
Violet-green Swallows - many were over the swamp area this p.m.
Western Crow - saw a few individuals flying over.
Western Marsh Wren - We found one nest with 5 fresh eggs in it.
Cassin's Vireo - some singing in the ash thickets around the swamp.
Pacific Yellow-throat - saw two of them in the same ash thickets. Sang occasionally.
Eng. Sparrow - some around a barn in the vicinity.
NW Redwing - Along the west side of the main swamp I found several freshly made nests, some still rather moist inside, but none with eggs in them. On the east side of the swamp I found fresh nests, but also over half a dozen of them with full sets of 4 eggs in them. The bluish tinge was washed out in some of them. All in new nests
Willow Goldfinch - saw a few around today.
Western Tree Sparrow - I saw four of them, two males and two females. I do not know what other species they could possibly be. They were buffy and brown-black streaked on the back, and the underparts were gray-white. The crown was bright rufous, and there was a similar patch on the side of the chest. There was a distinctly plain small blackish dot in the center of the chest. I do not recall the females as having the spot on the chest. They were in a briar and ash fence row, or stunted growth. The brightest male I saw was perched on a fence post just 15 feet away.
W. Chipping Sparrow - Saw a few in the ash trees around the swamp.
Golden-crowned Sparrow - Saw just a pair of them in a fence row near the swamp.
Song Sparrow - I just missed capturing a ½ - 2/3 grown one in a clump of brush at the swamp. Its tail was exceedingly short, and it could fly only a short distance at a time.

April 25, 1946 - Dixon Creek Ridge, north of Corvallis. 1 - 4 p.m. Brks ovc. at 2000'.
Turkey Vultures feeding on dead Black-tailed Jack-rabbit. It was completely gutted, and most of the meat was still on the legs, etc.
Sparrow Hawk - One was seen carrying a Thamnophis about 2 feet long.
Oregon Ruffed Grouse - 11 of us were clustered together in one spot on the north side of the hill taking readings of temp., etc., and one of the boys spotted a grouse on a nest, and it was almost surrounded by us. One of the boys was sitting against the base of the very small fir on opposite side to the nest, which was at the base of it. He was less than 1½ feet from it ! The bird never batted an eye, but trusted in its camoflauge. Later Dr. Gordon and I took pictures and it stayed on all the time he set up the tripod, put in the cartridge, and took the shots, less than 4 feet away ! But I flushed it when I tried to get the camera less than 3 feet from it. Whoom !!!! There were 10 eggs in the nest. The cavity was a little over an inch deep, and 6 - 7 inches in diameter, and lined with last fall's Big-leaf Maple leaves. Grasses and twigs made up the bulk of the nest. The nest was at the base of the small fir, on the north side, and was openly exposed from all other sides. A few short sprigs of Poison Oak were growing around the nest.
Dusky Horned Owl - Charley Cutress showed me the nest he located the week before. The adult was not around, but the young had gray-white down, with a few pin-feathers sticking through here and there. ~~ach~~ One I had a good look at seemed to be

about 7" long already.
Oregon Ruffed Grouse - more note. One of the fellows had his Lab. retriever with him on the field trip, and it sat down within 5 feet of the nesting grouse, but never gave a sign of having smelled it. The bird was up-wind from the dog, as well. I wonder if a nesting bird like that can prevent itself from giving off scent of any kind?????
Long-tailed Jay - Saw a pair of them along Dixon Creek bottom.
Chestnut-backed Chickadee - Saw two in the deeper part of the woods.
Black-throated Gray Warbler - Saw one on the ground under the dense growth of fir. First for the Year.
Red-breasted Nuthatch.- Nest I reported on previous field trip is fully excavated and bird is evidently brooding the eggs already.
Seattle Wren - Dick Hallock reports that there are 5 eggs in the nest.

April 26, 1946 - Mary's River between Corv. and Philomath and south to 12-mile Swamp.
Cloudy, windy, and scattered heavy rain showers. With Bill Graf

Mallard - saw a drake swimming with 3 Hooded Merganser females in a pool near the Marys R.
Pintail - a few in the 12-mile swamp.
Shoveller - Saw several males and females. Seemed to be more or less paired up.
Hooded Merganser - mentioned above
Turkey Vulture - common
Red-tailed Hawk - saw a couple
Sparrow Hawk
386
Valley Quail - giving their "whippoorwill" call along the Mary's R.
Bob White - saw them many places along the way south.
Pheasant - Bill's dog worked a weed patch and fence row and flushed one.
Killdeer - saw several and located one pair nesting, alotho we couldn't find the nest.
Wilson Snipe - a few near the swamp.
Spotted Sandpiper - saw one along the banks of the Mary's R.
Mourning Doves, a few.
Rufous Hummingbird - saw two, and both were working the larkspur blossoms along the river.
NW Flicker - saw one along the river.
Lewis's Woodpecker - We saw this one on a fence post along a road just south and
Streaked Horned Lark - saw two out on the flats near Greenberry.
Violet-green Swallow - saw them everywhere.
Bank Swallow - Saw a few along the edge of the Mary's river.
Rough-winged Swallow - saw them circling in a fairly large flock over the swamp.
Barn Swallow - funny thing, but they were flying around a barn !
Long-tailed Jay - along the Mary's river.
Western Crow - a few here and there.
Coast Bush Tit - along the river.
Robin - here and there.
Lutescent Warbler - along the Mary's river.
E. Yellow Warbler - same
Audubon's Warbler - same
Black-throated Gray Warbler - same
Macgillivray's Warbler - same
Pacific Yellowthroat - same and at the swamp.
Eng. Sparrow - everywhere.
W. Meadowlark - everywhere
Redwings - at the swamp.
Brewer Blackbird - everywhere.
Calif. Purple Finch - along the Mary's river.
Oregon Towhee - here and there.
Savannah Sparrow - on the flats south of Corvallis.
OregonVesper Sparrow - on the flats south of Corvallis.
W. Chipping Sparrow - along the Mary's river.
White-crowned Sparrow - at the swamp.
Golden-crowned Sparrow - at the swamp.
Song Sparrow - everywhere.

3 May, 1946 End of Brook Lane, Corvallis, Oregon. 8 a.m. 387

I went out to the Mourning Dove nest found on April 11th, to band the young. As I approached the nest I saw the adult bird (just one seen) perched on a small limb at the edge of the nest. As I approached it flew down to the water level, and proceded to put on the "wounded act" and its wing tips and tail dragged in the water, and it gave a hurt call note, as it flew a short distance away. On the nest were two young doves, approximately 2/3 grown. They were both facing away from me, and when I came within 3 feet of the nest, they both took out of there as if they had been flying for years ! One flew across the pond and lit expertly in a clump of willows about 35 feet away. The other one flew over 50 feet before it lit in a tree. I would assume that this was their first flight from the nest, and it was surprisingly strong. Noone had to teach them to fly, from the looks of things. The nest cup, was piled full of clumps of feces, and they were in two more or less distinct piles, at that.

Also saw many Pileolated and Yellow Warblers in the area around the pond.

9 May, 1946. Peoria Ferry Road , 2 miles south of Owl Creek.
Found another Mourning Dove nest in ash tree, at about 10feet. Was over water, but is over land since water receded. On east side of tree, so does not get p.m. sun, directly. Same as nest on Brook Lane, except this is on a horizontal limb, rather than in a tree. There were two eggs in it. [illegible]

10 May, 1946 - Corvallis, 23rd and Harrison, 1030 p.m.
Clear and warm, ½ moon out bright. In the brush near by was a Long-tailed Chat giving forth with at least 4 or 5 different types of call notes. It has been over 4 years since I last heard this vocal chorus, but it came to ~~be~~ me, the second that I heard the first notes. It is marvelous, the variety of notes they can give. So far as I could tell, there was only one present at the time. 389

12 May, 1946 - Corvallis, 23rd and Harrison, 9 a.m. I rode up here on my bike and sat still for a while listening to them call, and before long I could see two Long-tailed Chats at the same time. One was perched in the top of a small tree, and the other was hopping around in the brush, near the ground. 390

14 May, 1946. Corvallis, 17th and Harrison, 0730 a.m. Saw the first Lazuli Buntings of the year. There were 4 of them feeding on dandelion seeds. Very colorful birds. Cedar Waxwings on the campus feeding on Pyracantha. The Evening Grosbeaks are in huge flocks, feeding on the ground lawns of the campus. Perhaps the winds of last night blew the elm seeds out on the lawns from the trees. Up to now they have been feeding in the elm trees, themselves.

16 May, 1946. Corvallis, Lower Campus 4 p.m. Saw 3 Vaux's Swifts flying low over the lawn this p.m. Checked the L-t Chat at 930 p.m., but no sound of them.

17 May, 1946, Corvallis, Campus, checked the L-t Chat this p.m., but no sound or sight of them was gained, the pair may have moved on. The flocks of Evening Grosbeaks seem to have been greatly reduced in numbers the past day or so, and there shouldn't be any left around at all in a very few more days. I caught two young robins and banded them this noon, by the Fish and Game Bldg., with assistance from B. Smith. 391

17 May, 1946, Alsea Fish Hatchery, N. Fork of Alsea River. 2 - 4 p.m.
Saw signs of workings of the Red-breasted Sapsucker. Spotted an adult Varied Thrush carrying food in its bill. Followed it into the woods from the fish hatchery pools and found a nest in a small cedar at about 5 feet, on the northeast side of the tree. The nest contained 4 young, perhaps 4 days out of the egg. 392

18 May, 1946 - Lewisberg to McDonald Forest Saddle and south along ridge.630 a.m-8:45 a.m

House Finch — Oregon Jays - 3 or 4 of them - 2 may have been immatures.
Mourning Dove — Red Crossbills - a flock of 10 or so obliged us.
Many Wood Pewees — Lazuli Bunting
Several Western Tanagers - first of the year.
Olive-sided Flycatchers - ~~first of the year~~. You could hear their call everywhere. 393
Pileated Woodpecker - saw two and heard others.
Harris Woodpecker - a few — Bush Tit
Rufous Hummingbird — Evening Grosbeaks
Black Headed Grosbeak - first of the year - singing from tops of small trees.
Pileolated Warbler - first of the year.
Lutescent Warbler - first of the year.
MacGillvray Warbler - first of the year.
Yellow Warbler - — Sooty Grouse
Band-tailed Pigeon — Black-throatedGray Warbler - ~~first of the year~~.
Many other, but more uninteresting species were seen.

18 May, 1946 - South Santiam Hiway - Cascadia to Tombstone Prairie - 1 to 6 p.m.
Only birds of interest were ~~Ol~~ B~~l~~ank swallows along the river, and then a little higher up we saw and heard quite a few Ravens, seemingly in scattered pairs. 394

19 May, 1946 — Corvallis, Willamette R., gravel Pits — 2 p.m.

Long-tailed Chat   Green Heron   Russet-backed thrush - first of the year.

Kingfisher   Yellow Warbler   W. Spotted Sandpiper   375

Olive-sided Flycatcher - singing continuously from top of huge D. Fir.

Banded infant green-back goldfinch in yard behind Post Office.

Oak Creek Dairy Barn area —
Found Seattle Wren nest with 5 creamy-white, red-purple spotted eggs in it. Nest in grass clump at 15" above ground. Cup at least 2" deep & about 2½" wide.

22 May, 1946, Corvallis, Ore. McFadden 12-mile Swamp. Warm, but 1000' ceiling.
2-4 p.m.

There were hundreds and hundreds of Violet-green Swallows, and Cliff Swallows along with a few Tree Swallows swooping low over the vegetation in the swamp, or circling in large numbers high overhead. They did not hesitate a moment to swoop in front of my face, if they felt like it. 376

In with them were a few larger Purple Martins, the first I have seen in quite a long time. There were some mature males, all purple-black, and there were females and immatures with considerable gray on the body, with a definite gray collar. The tail was plainly notched, or shallowly forked. They were fast, strong, and graceful fliers.

The only other birds of interest were the Virginia and Sora Rails, and the Marsh Wren.

23 May, 1946, Corvallis, Willamette R., 2 miles SE of town. 2 - 4 p.m.
Avery Park, 3-4 p.m., also. 377

Valley Quail - I saw one pair of them out in the open, on a pile of gravel, near the rock-gravel crusher. What they were doing there, I don't know. The area nearby was also quite open. They flew off to the woods when I approached.

Russet-backed Thrush - several were both heard and seen in the woods along the river

Winter Wren - Saw just one in a dark part of the woods.

Pine Siskins - In Avery Park I saw several adults and two young ones that hadn't been out of the nest too long. However, they appeared to fly quite well for their age.

Junco - In Avery Park I came across a single young one perched on a fallen tree trunk. It was hardly half grown, but the two white outer tail feathers were plain. When I approached, it flew away OK. The adult bird was nearby at the time, "Clicking".

24 May, 1946, Kiger Island, SE of Corvallis, Willamette R., 8 - 1130 a.m.

- Mourning Dove,
- W. Belted Kingfisher
- Rufous Hummingbird
- Valley Quail - ~~pp~~aired up.
- Pheasant
- Mallards
- C. Purple Finch
- Redwings
- Oregon Chickadees
- Pacific Yellowthroat
- Gairdner's Woodpecker
- Red-breasted Sapsucker
- Wood Ducks
- Tree Swallows
- W. Spotted Sandpipers
- Killdeer
- Vulture
- Rough-winged Swallow
- Robin
- Yellow Warbler
- OregonTowhee
- W. Meadowlarks
- Long-tailed Chats - quite a few of them, and they gave a great variety of calls this a.m.
- W. Redtail Hawk
- Brewer Blackbird
- Sora Rail
- English Sparrow
- Pileolated Warbler
- Lutescent Warbler
- Cassin Vireo
- Warbling Vireo-1st of the year.
- MacGillivray's Warbler
- Willow Goldfinch
- Song Sparrow
- Russet-backed Thrush
- Coast Jay
- W. Crow
- Vioilet-green Swallows
- W. Meadowlark (repeat) - a young one, about half-grown. Flew well. White outer tail feathers.

A pretty fair day considering everything, and the short time we were out. 398

25 May, 1946 Peoria Ferry, Willamette River - 0630 to 0900. Drizzle and 15 ovc. east wind.

Had a total list of about 45 birds this a.m. The following were of interest.

- Rufous Hummingbird - found nest on limb of Ash tree at 15-20 feet. In shade on NW side.
- Red-breasted Sapsucker - At least 8 or 10 pair of them seen this a.m. in the immediate vicinity of the river. All were beautifully bright red. Found one nest hole at about 20-25 feet in Ash Tree, opening to the WSW. One adult flew in, and then the other came to the nest, lighting below it; chattering went on between them, and the bird on the nest flew out, and the other went in the hole immediately.
- Vesper Sparrow - Saw several, and approached one closely, that was singing. 399
- Warbling Vireo - heard and saw this bird again.
- Black-throated Gray Warbler - saw one, and heard them singing frequently.
- Cedar Waxwing - a few small flocks in the area.
- Kingfisher - On MacBee Slough.
- Raven - a single one flew over our group, giving its croak-call.
- Band-tailed Pigeon - We saw a flock of 60-80 of them in a grain field beside the ~~p~~Pacific Highway at 615, as we went out. All took to the air as we approached.

25 May, 1946. just north of Ferguson, Lane, Co., 3 p.m.

— Came upon 11 Turkey Vultures, each perched upon a fence post in a continuous group. Quite an odd site to see. 400

1 June, 1946. Mary's Peak, to the top, and vicinity. 2 - 5 p.m.

- Mountain Quail, beautifully colored individuals seen along highway near base of mtn.
- Audubon Warblers working through the Noble Fir just below timberline on the east side. 401
- White-crowned Sparrows - a pair of them acted "residual" just below the top, south side.

There were Evening Grosbeaks on May 28, 1946, but seem to be none as of June 1, 1946.

- June 7, 1946 - 1245 noon, Woodburn, Oregon - First Nighthawk of the year 402
My folks & I were in the back yard when I heard this old familiar call & I looked up above & saw its "floppy" flight as it headed northward.

June 13, 1946 - - - Berry Forest Camp, on Santiam R., below Detroit - 11 a.m.
Eldon and I came upon a female Blue Grouse and flushed 6 young. Perhaps there were more, but we couldn't find them. The young were not over 6" long, but flew well, and fast, for 50 feet or so at a time.

June 13, 1946 - - - Breitenbush Forest Camp, Breitenbush River 7 p.m. 402

I caught a glimpse of a female Harlequin duck flying upstream. Sometime later, one, probably the same one, flew up the stream and set its wings opposite me, barely lit, and dove below the surface. It soon came up, and shook water a little. Then it dove under and didn't come up till it had swam about 50' across the current. It's almost unbelieveable, for the water was very swift and strong in its course, and the stream is strewn with huge boulders. A little later the bird appeared on a rock 50 feet below me and proceeded to preen itself for a few minutes. The male was not seen.

Also saw and heard a Nighthawk between rain showers. Fog layer on the river this evening. Heavy rain all p.m.

June 14, 1946 Humbug Forest Camp area. 930 a.m. Had an obliging Townsend Solitaire alight on a snag a few feet from the road and we took its picture.

June 14, 1946 - Niagra, between Gates and Detroit, N.Santiam R., about noon.

Dipper busy feeding young birds; the young could fly well, but continually cried for food. 403

Watched a pair of Oregon Chickadees taking food to a nest of young ones in a hole, in an alder tree at 15 feet, opening NE.

Bank Swallows had a nest in a crevice of a man-made rock dike wall, just above the Santiam R., the nest was round and quite flat, because of the limited space. Grass stems were the main nest material. 5 newly hatched young were in the nest.

June 24, 1946 Finney & Eagan Lake, west of Brooks, Rain showers all day.
Saw Western Tanagers, and young Chestnut-backed Chickadees so unsuspecting that I approached within a foot or so of them. 404

At Wheatland Ferry, I saw Hairy Woodpecker, Long-tailed Chat, Little Flycatcher (and a nest not available to me); One adult MacGillivray Warbler was carrying a bright green Caterpillar about ½" long to its nest, near the river bank.

June 26, 1946, Confluence of Butte Creek and Pudding River. Two Band-tailed Pigeons

June 29, 1946, Pudding River, Woodburn, Oregon: 1 to 6 p.m.
Long-tailed Chat
Pacific Nighthawk
Black-headed Grosbeak
Russet-backed Thrush
Yellow Warbler
W. Crow
Bandtailed Pigeon
W. Tanager
Bullock Oriole
Valley Quail
Lazuli Bunting
Pacific Yellowthroat 405
Bush Tits in flocks (probably youngones).

Stewart's Lake, NE Corvallis, July 1, 1946,

Two Green Herons were present, so I suspect they have a nest in the area.
Mallards were there, two pair of them.
Also there were two pair of Wood Ducks, and one pair had 9 young, that can't fly yet, but they get up and run well on the water. 406
Saw one male Bullock's Oriole, too.
Violet-green Swallows were continually "hawking" low over the lake area for insects.

,1946 "Poison Oak" Lake, Linn Co.
Wood Ducks with family of 11 young - can't fly yet.
Kingfishers ♀ + ♂ 407

July 7, 1946 Abiqua-Silver Creek Ridge, Marion County; headwaters of the Abiqua.

Blue Grouse were seen frequently in the road, as we drove into the creek.
Dippers were seen along the creek, two were young, and one adult.
A Flicker was in a nesting hole of a snag, near the creek, and it was calling out loud and long, evidently for its mate to come and relieve it from its duties at the nest. It paid no attention when I hit the base of the snag with a large stick.

July 9, 1946, Abiqua creek, below Abiqua Camp.

A young Dipper preening itself. Almost adult stage. Didn't teeter even once in the five minutes I watched. It fell all over itself once trying to scratch the top of its head, first with the left and then the right foot.

July 12, 1946 - On gravel road near Sidney ditch, north of Talbot, Oregon.

A Turkey Vulture was perched on a short electric wire pole as I drove up, so I coasted to a stop opposite it, and turned the radio music quite loud, and the bird, looked all around below it, trying to determine the sound, and then I whistled passages of the tune, and the bird almost fell off its perch each time I did, for it would cock its head to one side and then the other with rapid jerks. Finally it raised its wings, stretched them horizontally, and leaped off the pole top and flew.

July 13, 1946 - Croisan Gulch, [illegible] of Salem

Oregon Chickadee trilling and fanning and shivering its wings rapidly before its mate, as she continued feeding non chalantly on the oak tree limbs.
Wood Ducks and young were seen at Hazelaur lake near the Salem Golf Course.
Green Heron - perched on log raft in a slough be the railroad, SW Salem.

July 17, 1946
~~July 18, 1946~~ - "Poison Oak" Lake, Linn Co.

Located a pair of Anthony Green Herons ~~building~~ that built a nest, 12' over water on the northwest side of an ash tree on the SE side of the lake. Made out of large twigs + smaller ones inside it. I didn't climb to the nest, for the tree is too small. I could see no young in it, or eggs either.

Watched a [illegible] feeding in the shallow water near [illegible]. It would leap up + pull down developed grass heads.

A pair of Pied-bill grebes are on the pond, too.

Collected a young [illegible] grouse about 4 inches [illegible] on the oak ridge. The gizzard was bulging with [illegible] seeds, [illegible], [illegible] + some grit, [illegible]. The crop was filled with Cascara berries.

July 18 - Stewart Lake, N of Corvallis

Found another Anthony's Green Heron nest this p.m., but it had already been used. It was on the east side of the lake in a "lagoon" surrounded by vegetation. It was at 15' over the water in the fork of a willow tree. The nest was not over 10"-12" diameter, (the main part), for a few misc. twigs were longer. Material was piled ~~4"~~-~~5"~~ deep + formed a saucer-cup which was lined with finer twigs - all laid in the same direction, parallel to each other. The larger twigs appeared woven.

July 20, 1946   Poison Oak Lake, Linn Co.,   9 a.m.

I climbed to the nest which I found in the ash tree on the 18th, but the limbs weren't strong enough to permit my actually reaching the nest. I could see in it, and that is about all. There was one large downy young with a bill over $1\frac{1}{2}$" long. It looked like there might have been another downy young, but it could have been the bend of the wing of the other that I saw moving. There were also definitely at least 2 pale blue eggs in the nest. The adult Green Heron left the nest before I approached with 25' this time (On the 18th, she took off the nest after I was under it). The adult stayed quite close all the while I was climbing to the nest.

July 20, 1946   S tewart Lake, Benton Co., 2-3 p.m.

I sat next to an open thicket of willows and "squeeked my lips" and before long I had attracted well over a dozen Warbling Vireos and Yellow Warbers, both adults and young. It was a thrill indeed to have them all perched there in front of me with that"curiosity-pitch" to their heads. Also a Robin, a Towhee, a ~~V~~ Russet-backed Thrush, a Seattle Wren, and a Song Sparrow came up to see what was what !

The Vireos and YellowWArblers were feeding everywhere from the mud under the willows, in the willows, and out on the leaves of the yellow pond Lilies.

July 22, 1946, "Poison Oak" Lake, Linn Co. 10 - noon.

One adult Green heron was on the nest, and as we watched another flew into an oak nearby, and slowly worked its way from tree to tree in a circle until it was in the nest tree, and the bird on the nest then left and walked out to the edge of the tree and flew to a snag 100 feet or so away. Theother bird then stayed at the nest. The bird that had been on the nest spent its time preening in the sun. I saw the same performance two days before, and now I'd like to know how long the nest shifts are, or if it is just as long as it takes the free mate to find some food for the young. When we finally approached the nest, the adult stayed fairly close and permitted us to take some movies of it in a nearby oak tree. We put a ladder up to the nest, and when I looked in this time, two young were perched around the edge of the nest. Also there were 3 eggs. Not quite a robin's-egg-blue color. They were quite dirty from activities of the young.

Last time, only down could be seen. It was quite whitish. Now it is a deeper gray, and pinfeathers up to 3/4" long can be seen growing on the wings, etc. One bird had the crop protruding a great deal, as if it had just been fed. Total length from bill to tail might be 6"-7" now. One bird is just slightly smaller than the other, so I assume that the other three eggs are failures, or the young would have been out by now. The leaves, branches, and pond lilies below the nest are thoroughly "whitewashed". The top half of the nest is quite flimsy, and aereated, as you can be below the nest, and see the young in the nest OK. It is a solid mass of twigs under the center of the nest however. The young would freeze in the nest with their heads upright and necks held straight up, also.

July 23, 1946 - Stewart Lake, north of Corvallis.

Anthony Green Heron, young perched on a snag near the duck trap this a.m.

Mallard - captured a female that couldn't find its way out of the trap, and it was in its summer molt, with primaries only $1\frac{1}{2}$" long. It couldn't fly.

Valley Quail - 3 very busy giving scolding-talking notes that sounded like Gray Digger. Perched as high as 30 feet up an ash tree while doing so.

Belted Kingfisher - just one of them was present this a.m. when I came to the lake.

A Blue Heron in juvenile plumage came into the lake and landed with a "swoosh" near one sheltered edge among the pond lilies.

July 23, 1946, "Poison Oak" Lake, Linn Co.   1 - 3 p.m. NW wind, clear and hot.
Mallard - flushed a female from almost underfoot in the smartweed this p.m.
Anthony Green Heron - adult on the nest at 1 p.m. Doc Gordon worked around the lake with camera and tripod, and the bird, although nervous, stayed on the nest with him only 25 feet away. As he approached, the young, which had been standing on the edge of the nest, on each side of the adult, took shelter under the adult bird. Doc took pics, moved closer, and took even a few more. Then I worked up toward the nest to get action out of the bird. It rose from the nest, and stalked along the limb into the center of the tree, and then flew into an adjoining fir tree. 113

The young are quite active in the nest, and perch upon the edges frequently, sometimes almost losing their balance, but somehow regaining it awkwardly. The pin feathers are really coming out fast, and the down is almost a blue-gray now. The skin is tinted yellowish in places, and greenish in others. The legs are a yellow ~~brown~~ green. The iris is a golden-brown.

We took movies and stills at the nest, and then I reached for the birds to band them. The older of the two took off the opposite side of the nest, and walked out on a limb about a foot or so from the nest, and wouldn't come back to where I could reach it. The other one hung to the nest sticks tightly, and wouldn't release its hold until I let it cling to my fingers. There were still 3 eggs in the nest. The eggs must be no good, for they certainly would have hatched by now.

July 25, 1946 - "Poison Oak" Lake, Linn Co. 8-11 a.m. NW wind, clear and warm. Climbed to the Anthony Green Heron nest again, but both young ran out on limbs away from the nest, where I couldn't reach them. The parent bird circled around close by over the lake, and landed in a nearby oak, uttering its "unk" "unk" notes I gave up and returned to the nest later, and the young were back in the nest, and and adult left the nest again. As I reached for them, they scrambled out onto their limbs, again. The oldest one (the one I didn't get to band the 23rd) went out the very same limb all three times. However, the younger of the two birds, went out different limbs both of the times it retreated. I rocked the limb up and down and each time the limb went down, the young instinctively spread its wing, undeveloped as they are. Finally I took a long stick and got it to perch on it, and then I lifted it in to me. I took it to the ground, banded it, and photographed it. The wing pinions are coming rapidly, as both the primaries and secondaries have grown considerably. The primaries on the oldest bird are about 2½ inches long now. And when I held it, it tried to pech at me with its long bill. The down is turning darker and darker every day. 113

July 27, 1946 - I watched a Green Heron circling over the campus, and it soon came to rest on the edge of the Commerce building roof. 114

July 29, 1946 - Drift Creek Canyon - Wood Duck, Kingfisher
Little Abiqua - two Pileated Woodpeckers, nest in top of old snag, opening to the SW. 115

Aug. 1, 1946 – Stewart Lake – Saw 2 Robins chasing a Red-Tail Hawk. It retreated. 116

August 2, 1946, "Poison Oak" Lake, Linn Co, 3 miles east of Corvallis.

Saw one adult Green Heron carrying a 5" fish in its bill, as it alit on an oak snag. I visited the nest, and as always happens to any nest I watch, and then go away for a while, it was torn up, and the dud eggs were floating in the water under the nest. Not much of the nesting material was left. No sign of the young. I can hope that they have left the nest before it was torn up by whoever, or whatever did it. All the vegetation below the nest was thoroughly "whitewashed" by the birds, compared to the amount present when last I visited the nest. The adults seem to have special trees that they habit, and through which they move when they work their way around the lake. 116

August 5, 1946 , Camp Pioneer, Linn Co.
Barrow's Golden-eye, female.
Blue Grouse
Pileated Woodpecker
Gray Jay
Stellar Jay
Chestnut-backed Chickadee 417
Red-breasted Nuthatch
Varied Thrush - 2 of them feeding on the ground in camp.
Oregon Junco - On July 29th, 3 Junco eggs had hatched in the a.m, and another by noon of the 29th. I found the nest, on the ground, under trees and sheltered by the blades of a Squaw Grass clump. Nest lines with needles and dry grass. On Aug. 5th they were well-feathered out, but all feathers and grayish down were short.

August 6, 1946 - Temple and Davis Lake, Linn Co.
Amer. Rough-legged Hawk
Flicker - very common.
Clarke Nutcrackers - quite noisy from the tops of snags. Must have been young.
Little Flycatcher
Olive-sided Flycatcher 418
Chestnut-backed Chickadee
Red-breasted Nuthatch - literally dozens of them today. adults and young.
Cassin Vireo
Western Tanager, female
Pine Siskins.

August 7, 1946 - Camp Pioneer, Linn Co.
Harr~~y~~is Woodpecker - banded size # 2 - 41 - 224295
~~American~~ ALASKA Three-toed Woodpecker - a pair working the P. contorta early a.m.
Gray Jays
Clarke Nutcrackers - right in camp early in the morning.
Hermit Warblers - by shore of the lower lake. 419
Turkey Vulture - 2 of them hovering over a nearby ridge.
Pacific Nighthawk - actually saw one come in low over the ~~lake~~ RIDGE about 11 a.m.

August 9, 1946 - Red Butte Lake, Linn Co.
Bufflehead, and 4 young swimming in the lake this a.m.
Sharp-shinned Hawks - a pair seemed to have a nest in a snag high up the butte. 420
Golden Eagle - watched one soar over at not-too high an elevation.
Rufous Hummingbirds - still quite thick about the rock slide of Red Butte.
Violet-green Swallows
Gray Jay and young - they were the typical bluish gray color. Very curious.

August 9, 1946 - Jorn Lake, Linn Co.
Red-tailed Hawk
Rufous Hummingbird
Blue Grouse - very tame along the trail
Olive-sided Flycatcher 421
Gray Jay
Stellar Jay
Clarke Nutcracker
Mtn. Chickadee
Red-breasted Nuthatch
Pine Siskin
Junco

August 10, 1946 - Camp Pioneer.
Kingfisher
Violet-green Swallow
Mountain Bluebirds 422
August 11, 1946 - Marion Forks and Sant. Hiway: Vaux Swift and Stellar Jay.

Indian Ford, 4340' Elev., Deschutes Co.   August 12, 1946
Turkey Vulture - 6 young circled close around me as I stood on rocky outcrop. They were very curious.
Goshawk came through camp and caught a Callo.   It was a young one.
W. Red-tailed Hawk - on ground in a large meadow. /I could not tell if it was feeding.
Mourning Doves common.
Flickers
White-headed Woodpecker- watering at camp, in the creek.
Flycatcher sp.
Stellar Jay
Oregon Chickadee
Pygmy Nuthatch
Mountain Bluebird
Western Tanager
Oregon Juncos, and young

423

August 13, 1946 - 2 p.m.   DEER CANYON
Turkey Vulture   Rufous Hummingbird   Mourning Dove.   Ash-throated Flycatcher.
[illegible]

August 13, 1946 - Redmond to Prineville -   3 p.m.
Black-billed Magpie   W. Meadowlark   Brewer Blackbird   Nevada Redwing

424

August 13, 1946 , Prineville to Wildcat Camp on Mill Creek, 8 p.m. 4000'
Treganza Heron,   Short-eared Owl on a wireline post at twilight.

August 14, 1946, Mill Creek, Wildcat Camp, Crook Co. Elev. 4000'.
Goshawk
Blue Grouse
Valley Quail
Horned Owl
Kingfisher
Mourning Dove
Flicker
Hairy Woodpecker
Williamson Sapsucker ssp.
Ashy-throated Flycatcher
Flycatcher ssp.
Stellar Jay
Black-billed Magpie
Oregon Chickadee
Pigmy Nuthatch
House Wren
Robin
Western Bluebird
young Mountain Bluebirds
Cedar Waxwing
White-rumped Shrike
W. Warbling Vireo
Nevada Redwing
female Western Tanager
Oregon Junco
W. Chipping Sparrow

425

August 15, 1946, Wildwood Camp, Ochoco Hiway, Wheeler Co., ~~5300~~ 4900' Elev.

Goshawk
Redtail Hawk, young
Horned Owl
Vaux Swift
Rufous Hummingbird

Brewer Blackbird

Flicker
Pileated Woodpecker - + young in camp.
Hairy Woodpecker
Natalies Sapsucker
White-headed Woodpecker pair
Flammulated Screech Owl

Western Tanager

Stellar Jay
Clarke's Nutcracker
Mountain Chickadee
Pygmy Nuthatch
Robin

Oregon Junco

August 15, 1946 - Wildwood Camp to Prineville 1030 a.m.
Saw 6 young Redtail Hawks circling over the mountain meadow west of the summit. They were acting like Vultures.

August 15, 1946 - South Santiam R., Cascadia- Sweet Home 4 p.m.
Saw one Anthony Green Heron feeding on low-water exposed bed rock in midstream.

August 16, 1946 "Poison Oak" Lake, 8-9 a.m.
Saw both young Green Herons I banded. They had narly full adult plumage, with one slightly less developed than the other. Saw one adult at Mill Creek, too.

August 16, 1946 - Stewart Lake 9-10 a.m.
Mallards, Pintails, and Shovellers present in large numbers around the lake this a.m. A few Wood Ducks too.

August 19, 1946 - Corvallis, 7 p.m. A Pacific Nighthawk.
On August 14, Bill Graf saw White Pelicans at Fern Ridge dam. !!

August 21, 1946, "Poison Oak" Lake, Linn Co., 8 a.m.

Blue Heron
Green Heron
Wood Duck
Turkey Vulture
Pheasant

Mourning Dove - many young
Pacific Nighthawk
Rufous Hummingbird
Flicker
Little Flycatcher
Horned Lark
Barn Swallow
Violet-green Swallow
Long-tailed Jay
Stellar Jay

Oregon Chickadee
White breasted Nuthatch
House Wren
Seattle Wren
Robin - feeding on Cascara berries.

Russet-backed Thrush
Western Bluebird
Cedar Waxwing
Lutescent Warbler
Yellow Warbler

Black-throated Gray Warbler
English Sparrow
W. Meadowlark
Brewer Blackbird
Western Tanager

Black-headed Grosbeak
House Finch - there must have been at least 50 young of this species in the area this a.m. They would be in groups of 4 or 5 on top of every small D. Fir. They would chase each other, or ~~//~~ all feed on Cascara berries together.
Green-backed Goldfinch
Oregon Towhee
Savannah Sparrow
Oregon Junco
Song Sparrow

August 21, 1946 - Avery Park, Corvallis: Pheasant, Killdeer, Kingfisher, Red-breasted Sapsucker, Flicker, Ore. Chickadee, Slender-bill Nuthatch, Calif. Creeper (pair of them). W. Tanager, Black-headed Grosbeak-young common and feeding on maple samaras. Willow Goldfinch and young, OregonTowhee, and Song Sparrow.

August 22, 1946 - Stewart Lake, Corvallis. 8 a.m.

Blue Heron
Red-tail Hawks-young
Mallards, a few
Wood Ducks, many
Pheasant
Killdeer
Kingfisher
Violet-green Swallow
Slender-bill Nuthatch
Seattle Wren
House Wren
Cedar Waxwing
Robin
Warbling Vireos
Cassin Vireo
Yellow Warbler
Eng. Sparrow
Meadowlark
Brewer Blkbd.
Willow Goldfinch
Song Sparrow.

August 24, 1946, MacFadden 12-mile Swamp, Benton Co. 1 - 3 p.m.

The swamp is the driest that I have ever seen it. There were just two very small pools of water in the entire swamp. Both of these were under the two bridges on the gravel road going thru the swamp. No ducks, or Red-wing blackbirds were seen. Something quite unusual. The following were seen.

Blue Heron - two of them flew over the area while I was there.
Turkey Vulture - quite a few of them circling around this area.
Sparrow Hawk - one young perched on a telephone pole. An adult on a fence post.
Valley Quail - in one of the fence rows. There were only 4 or 5 of them.
Ring-necked Pheasant - one taking gravel in the road just past the swamp.
Coot - There were two of them on the largest pool of water. One of them took off after a run of about 25 feet. The other one did it in about 20 feet.
Mourning Dove - Adults and young were common along the fence rows.
Vaux Swift - several over the swamp area after insects.
Violet-green Swallow- many of them foraging back and forth across the fields and swamp area, in company with
Barn Swallows - There were plenty of these, too.
Tule Wren - Saw just one of these in the Spirea of the swamp area.
Cedar Waxwings
Pacific Yellowthroat - 2 of them were in one of the fence rows bordering the swamp.
English Sparrow
W. Meadowlark
Savannah Sparrow - in the fields between the hiway and the swamp.
Willow Goldfinches common - adults and young
Oregon Towhee
Vesper Sparrow- a few of them near the swamp.
Song Sparrows - young birds very common in the swamp area.

25 August, 1946, Avery Park, and South Cemetery Hill, Corvallis.
9 to 11 a.m. Quite cool this a.m., but warmed up by 10 a.m. Clear.

Mallard
Vulture - just a couple of them
Cooper Hawk, one along Oak Creek
American Rough-legged Hawk, saw this one sitting on a snag over the Mary's River with Chickadees working the same tree, and under it was an
Anthony's Green Heron perched on a log at the edge of the water. Soon the hawk flew downstream, and immediately after, the heron took off upstream. It must have been scared to death.
Sparrow Hawk - just one young one perched on a pole.
Ruffed Grouse - flock of young in the woods south of the park.
Valley Quail - sawa covey of these along Brook Lane
Pheasant - just a few this a.m.
Killdeer - flew over the park - two of them.
Mourning Doves - very few this a.m.
Pacific Nighthawk - 3 flying over in formation.
Vaux's Swift - 4 or 5 of them working the area over a patch of oak woods.
Rufous Hummingbird-
W. Belted Kingfisher - two or three along the Mary's R.,
Flicker - adults and young of the year common. There favorite perch was a short limb high on a tall fir, in the sun, where they were usually preening.
N. Red-breasted Sapsucker - 5 young birds working the trunk of a Big-leaf Maple. They kept chasing each other, and were very noisy about the whole thing.
Harris Woodpecker - Saw just one in the fir timber.
Little Flycatcher - adults and young very numerous.
Olive-sided Flycatcher - one adult and 3 young were seen.
Violet-green Swallow - many seen, some in large groups of up to 100 flocked on wire lines, as if getting ready for the southward migration.
Cliff Swallows - quite a few seen over some nearby fields.
Stellar Jay - two of them seen.
Long-tailed Jay - a few were seen.
W. Crow -
Oregon Chickadee - common
Slender-billed Nuthatch.
California Creeper - two were seen.
Seattle Wren - a few
Robin - young and adults plentiful.
Russet-backed Thrush- just one was heard.
Golden-crowned Kinglet - one small flock came roving through the trees.
Cedar Waxwings - common.
Cassin's Vireo - several were seen and heard.
Warbling Vireo - just two were seen all morning.
Lutescent Warbler - 3 of these orange-crowns were seen.
Yellow Warbler - just 2 adults and 1 young were seen.
Black-throated Gray Warbler - two adults, and two young without black throat.
Long-tailed Chat - two were seen in a thicket near the river.
Pileolated Warbler - Adults and a young were seen. The young had the black cap but it was a light gray-white below. No yellow was seen.
English Sparrow
W. Meadowlark - common early in the morning, but not by 10 a.m.
Brewer Blackbird - a few were seen.
Western Tanager - one male was seen.
Black-headed Grosbeaks- adults and young were very numerous in the park. The orange-brown belly showed up well on most of them.
Calif. Purple Finch - two adults and 5 young
Willow Goldfinch - adults and young present.
OregonTowhee
Oregon Junco
Puget-sound Sparrow
Song Sparrow.

4 35

51 species

26 August 1946, Poison Oak Lake, 3 miles east of Corvallis, 8 a.m.
Anthony Green Heron - a young one perched for a long while on a small snag sticking out of the water. I approached within 50 feet, and while I stood there it became very nervous, shown by the flicking of the tail.
Robin - watched one catch and carry a small yellow-green Tree Frog to its young.

28 August 1946 Stewart Lake, 1½ miles north of Corvallis, 9 a.m. 436
Mallards - quite a few on the lake this a.m. None in full male plumage.
Violet-green Swallows- 100's of these circling over the lake, and out on the wire line by the railroad were perched another 2 or 300 of them. Adults were not as plentiful as the immatures.

31 August, 1946, Woodburn, Pudding R., to Monitor, Marion County. 3-5 p.m. 437

Mallard
W. Red-tailed Hawk
Sparrow Hawk
Valley Quail
Killdeer
Mourning Dove
Kingfisher
Harris Woodpecker
Violet-green Swallow
Barn Swallow
Oregon Chickadee
Red-breasted Nuthatch
Robin
Russet-backed Thrush
Western Bluebirds, immatures.
Western Meadowlark
Brewer Blackbird
Western Tanager
Willow Goldfinch
Oregon Towhee
Junco
Song Sparrow.

Sept. 3, 1946, Woodubrn, to Portland. 438
a pair of Lewis Woodpeckers on fence posts beside the hiway.
Many Mourning Doves, paired up on the wire lines.
Turkey Vultures
Violet-green Swallows seen. Quite a few of them. But no real large flocks.

Sept. 4, 1946. Albany Oregon.
A Lesser Loon seen on the man-made lake at the north end of town at 11 a.m. 439

Sept. 4, 1946, Corvallis, Oregon. Turkey Vulture and Vilet-green Swallows.
Sept. 5, 1946, Crvallis, 0300 a.m. Russet-backed Thrush, Cackling Geese, and some species of Swallows migrating southward over the town. 440

Sept. 5, 1946, Yaquina Bay, Newport, Lincoln Co., 2 p.m. Cloudy, and windy, but warm. 441
Lesser Loon
Red-throated Loon
Farallon Cormorant
Blue Herons common
Black Turnstone

Snowy Plover
Least Sandpiper
Sanderling
Red-backed Sandpiper
Pectoral Sandpiper ?
Western Gull
Herring Gull
California Murre
Pigeon Guillemot
Flicker
Violet-green Swallow
Tree Swallow
Coast Wren-Tit
English Sparrows
Brewer Blackbirds
Willow Goldfinch
Song Sparrows

Sept. 5, 1946, Depoe Bay, 3 p.m.
Ring-billed Gull
Kingfisher
Brewer Blackbird

Sept. 5, 1946, Taft Bay, .30 p.m.
9 Whistling Swans on bay at south end, very near the [illegible].
Blue Heron
Mallard
Pintails
Green-winged Teal
Tree Swallow
Barn Swallow
Cliff Swallow
Cedar Waxwings plentiful.

442

Sept. 6, 1946, Killam Creek, Tillamook Creek, 7-8- a.m.
Red-breasted Sapsucker
Coast Jay
Crow
Raven
Chestnut-backed Chickadee
Russet-backed Thrush

443

Sept 6, 1946, Nehalem River at Hamlet, noon, Clatsop county.
Cooper Hawk
Kingfisher
Flicker
Gairdner Woodpecker
Coast Jay
Crow
Winter Wren
Willow Goldfinch
Junco

444

Sept 6, 1946. Wolf Creek Junction 3 p.m.
Vaux's Swifts - many seen.
Ced ar Waxwings were common.

Sept. 6, 1946, Seaside, Lewis & Clark Turn-around, Clatsop county. 7 p.m.
Sooty Shearwaters - 1000's and 1000's of them were flying north, just beyond the breakers. They were going for at least 1½ hours when I left. Huge "rafts" of them could be seen on the surface, too. Feeding, I suppose.

445

Sept. 7, 1946, Ecola Park, Cannon Beach, Clatsop Co. 9 - 11 a.m.
Western Grebe
Farallon Cormorant
Harlequin Ducks
Surf Scoter
American Scoter
Black Oystercatcher
California Gull
Ring-billed Gull
Coast Jays
Hermit Thrush
Pileolated Warblers
White-crowned Sparrow

446

Sept. 7, 1946, Short-sand Creek, Tillamook Co. 1 p.m.
Chestnut-backed Chickadees
Varied Thrush - adults and immatures.
Ruby-crowned Kinglets
Red Crossbills - dozens and dozens of them, very tame and curious. They were mostly young birds, I believe.

Sept 7, 1946, Arch Rock, Clatsop Co.
Pigeon Hawks.
3 Pectoral Sandpipers
Western Gulls
Least Sandpipers
Downy or Gairdner's Woodpeckers.

446

Sept. 7, 1946, Seaside Lewis & Clark Turn-around, 4 p.m. 10,000's of them flying south, just beyong the breaker line. The other evening they were heading north.

Sept. 7, 1946, Humbug Creek, Dippers, adults and immatures. 447

Sept. 8, 1946, Osweg Creek, Clatsop Creek, 9 a.m.
Red-tailed Hawks
Bush Tits
Cedar Waxwings

Sept. 8, 1946, Quartz Creek, Clatsop Co.
Turkey Vultures
Cassin8s Vireos, common.

Sept 8, 1946, Banks, Washington Co., noontime. Barn Swallows- quite a few of them. 448

Sept 9, 1946, Salem, Oregon, 630 p.m. 100's of Vaux's Swifts circling in large groups over the Willamette U., campus this evening. 449

Sept. 11, 1946, Poison Oak Lake, Linn Co. - 9 a.m.
Calif. Purple Finches
Long-tailed Jays
Turkey Vultures
Song Sparrow - [illegible] with bill wide open. Feeding on Polygonum hydropiperoides.

Sept. 11, 1946, Stewart Lake, 10 a.m. - 450
Turkey Vultures, - [illegible] groups of 7-4 [illegible] slowly circling southward over the countryside.
Cassin's Vireo
Pine Siskin - saw just one
Chipping Sparrows pair of them feeding on dumped grain at edge of pond.

Sept. 11, 1946 - Avery Park, 4 p. m. - Flushed one Green Heron from the west bank of the river

September 17, 1946, Avery Park, 0800 to 0930. Part. cloudy, cool, east ~~ding~~ wind.
Heavy rains, overcast, thunder, etc., the past few days.

4/5

Cooper Hawk - one flew through the trees fast and directly, low in [illegible]. Not pursuing.
Ring-necked Pheasants - one young rooster and hen flushed along road into the park.
Killdeer -
Kingfisher - 2 or 3 seen this a.m. perched on limbs over the river.
Gave rattle while in flight, and also while perched on the snags.
Flicker - one feeding on the ground, scratching among maple leaves.
Gairdner Woodpecker -
Red-breasted Sapsucker - I watched one adult visit 4 different trees within 3 minutes. The distance covered was about 200 yards. Some pecking was done at each of them. I also observed 5 young birds, just getting their adult plumage. Oh, the adult lit on the trunk of each tree at a height of about 18-20 feet. These young birds were continually bickering and churring to each other, and all stuck pretty close together. If one went to another tree, the others soon grouped there, also. They would try to chase each other off the perch, and thereby occupy that perch. No one individual seemed to dominate the others. They each gave way for the other. Besides hanging on the trunks, they also perched on horizontal limbs, or even hung upside down, like a chickadee or nuthatch, from a cluster of Big-leaf maple samaras.
Wood Pewee - two or three of them were seen perched in the tree tops. Two of them sang from their perches. They chased each other, too.
Violet-green Swallow - I saw one fly over the river. It appeared immature.
Long-tailed Jay - Several in the woods. Out in an open field beside the park, I came upon 7 of them feeding on the ground. All had the plumage very bright, alothough they must have been young birds. They flew into one large maple as I approached.
Oregon Chickadee -
White-breasted Nuthatch - in company with the chickadees.
Red-breasted Nuthatch - seen alone in another part of the woods.
Robin - several seen in town, and a small flock of 15 or so in the park.
Cedar Waxwings - quite a few small flocks seen here and there at the park, and in town.
Audubon Warblers - one pair chasing each other through the trees.
Lutescent Warbler - saw two moving rapidly through the trees.
Cassin Vireo - a few still giving call notes from the trees in the park.
. Meadowlark - one immature flushed from the ground beside the road. Others singing from fence posts nearby.
Brewer Blackbird - a flock of 7 flew high, heading east.
W. Tanager - I thought I heard the call notes just once. Did not see the bird for it was across the river.
Oregon Towhee - preening at 6" over a 3' high clump of berry vines, on a twig.
Junco -
Song Sparrow - Several singing at about a four-foot height. Grass cover 2 feet high.

16 Sept. 1946, Avery Park, Corvallis, 4 - 5 p.m. Clear and warm.
Turkey Vulture - a single one seen late this p.m.
Valley Quail - 4 flushed in the pastur eland near the park.
Vaux Swift - a flock of from 30 to 40 were circling rapidly through the air at tree-top level, near the edge of the forest. I watched some actually land, momentarily in the top of a Douglas Fir to feed on insects there, in company with 5 Robins, 7 Cedar Waxwings, and a Flicker - there were 4 Vaux Swifts there all at once.
Kingfisher - on the river
Flicker - adults, and immatures both seen. One gave a call similar to quail alarm note.
Red-breasted Sapsucker- just one immature seen.
Wood Pewee - three or four of them seen.
Little Flycatcher - just one perched on dead twig over edge of river, and feeding out from there.
Long-tailed Jay - just one.

Oregon Chickadee - a few very small flocks of them, feeding thru brush and young firs.
White-breasted Nuthatch - a couple of immatures seen. They were very noisy.
Seattle Wren -
House Wren -
Robin - a few, and 5 were feeding on insects in the top of a D. fir, in company with 4 Vaux Swifts, 1 flicker, and 7 Cedar Waxwings.
Ruby-crowned Kinglet - a few.
Cedar Waxwings - plenty of them everywhere. There were 7 feeding in the top of a D. fir on insects, in company with 5 Robins, 4 Vaux Swifts, and a flicker. Also I watched one drop from the top of an 80 foot fir, almost to the ground in pursuit of an insect which I couldn't see.
Meadowlark - one singing from the ground, and also after it took flight.
Western Tanagers - several young ones seen chasing each other about the ash tree tops, and catching insects now and then. The black wings of the males were just getting their richer colors.
Junco - a very few in the bushes, and younger fir.
Song Sparrow - just one was seen. It was not singing.

Sept. 19, 1946, 8 a.m. "Poison Oak" Lake, high cirrus scattered. Cool.
Blue Heron - flushed one from NW side of lake where it was feeding.
Wood Duck - one female
Marsh Hawk - one male came in on a long glide, and circled over the lake at 2-300 feet a few times and then proceded on SW. I believe this is the first I have seen since returning from the service.
Sparrow Hawks - several young, or immatures perched here and there, all giving high-pitched call notes. Saw a robin fly up and ~~perch~~ within 3 feet of one.
Wilson Snipe - two of them in the Polygonum at the edge of the lake.
Killdeer - several small flocks of them flying around this a.m.
Band-tailed Pigeon - I saw two of them.

Vaux Swift - 15-20 of them circling and feeding near the edge of a woods.
Flickers - calling rapidly and loudly everywhere this a.m.
Long-tailed Jay - saw just two young ones.
Marsh Wren - saw 3 of them in the vegetation around the lake. Scolding loudly.
Cedar Waxwings - common
Brewer Blackbirds - a flock of 250 to 300 flew by near the lake.
Calif. Purple Finches - 6 of them on a wire line. Mostly immatures.

Sept 19, 1946, Stewart Lake, Corvallis 9 a.m.
Turkey Vultures -. two of them working southward.

Sept. 19, 1946 — Corvallis — hi cirrus broken. — N. 16th St. 2 p.m. 80°F.
A flight of 9 Nighthawks slowly feeding as they work southward. No calls were given.

Sept. 22, 1946, Champoeg, Oregon. 4 p.m. 454
Many Bluebirds in a dog yard. One Vulture seen.

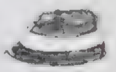
Sept. 24, 1946 — Woodburn, Ore. 10 a.m. 455
Two flights of Lesser Canada Geese heading SE. — High —

4 p.m. — Kelso, Washington
2 or 3 Vultures seen 456

Sept. 25, 1946 — Woodland, Wash. — 2 p.m.
Just one Vulture seen over the hills, there.

Sept. 29, 1946 — "Poison Oak" Lake — One Vulture soaring over high, heading south.
" " " Stewart Lake Wood Ducks abundant now. 457

Oct 7, 1946 — Corvallis —
The plaintive notes of the Golden-crowned Sparrow are common now 458

Oct. 8, 1946 — Corvallis, Stewart Lake, 11^{30} a.m.
Large flocks — Mallards (150) & Wood Ducks (30-50) present. A beautiful sight to see as they circled the lake after being flushed.
Also one Lesser Canada Goose was on the lake & it flushed with the ducks.
Rather small. Dark gray body & tail was black with white band 

Oct. 10, 1946 — Corvallis, O.S.C. Campus — 11^{30} a.m. 459
4 Lewis woodpeckers flying at 2-3 min to the east scattered over a ½ block area

Oct. 15, 1946, Stewart L., Benton Co., 1 p.m. 460
1 pr. of Green-winged Teal & what looked like a White-fronted Goose

Oct 18, 1946 — Albany, Lake at N. end of town. 3 p.m. — Cloudy. 461
8-10 Shovellers on the lake, by the river.

Oct 20, 1946 — 2^{30} p.m. — Windy & rainy.
A Belted Kingfisher sat on a picket of the back fence at this place. 420 N-16th.
Only perched there a minute & flew on south. 462

Oct. 29, 1946, Corvallis, Avery Park, and Corvallis Gravel Pit on Willamette R.
1600-1715 PST, 15ovc, light rain showers, 55°, WSW 8.

463

Avery Park -
- Towhee - 4 (3m & 1f) feeding inopen grass-weed clearing
- Flicker - 2 ad. and 3 imm. in group working maples - feeding?
- Ore. Chickadee - 10-15 working maples and underbrush
- Sl-bill Nuthatch - 2 imm. working in maple.
- Cal. Creeper- 1 imm. working in maple.
- Junco - 35-40 feeding on grass and weed seeds on the ground.
- Sharp-shinned Hawk - one chasing a flock of Brewer Blackbirds.
- Male Pheasant crowing.
- Song Sparrow - heard and saw just one.

Gravel Pits, Willamette R. bottom.
- Valley Quail - 11 feeding on bare gravel pile, in the rain. When I flushed them, they flew directly across the Willamette.
- Song Sp - singing from 3 foot perch.

Oct. 30, 1946

Peoria Ferry, Willamette R., south of Corvallis. 1 - 4 p.m. ovc/12 brkn. SW 3
- Western Bluebirds seen in small flocks everywhere in the open fields and along the fence rows.
- Juncos common in the fence rows, weed patches, and brushy areas.
- Flickers abundant, and all flushed from the ground where they were feeding.
- Towhee - in fence orws and brushy areas.
- Vesper Sparrow - dusting itself in gravel along the road, and also feeding on the ground among the vines of a delapidated berry patch.
- Gairdner Woodpecker female working the bark of an old Willow along the river bottom. 464
- Green-backed Goldfinch - just two seen on fences in open prairie.
- White-crowned Sparrows - several seen along the roads and fence rows.
- American Pipits, two flocks, of 9 and 23, seen in fields not far from one of the ranch houses.
- Killdeer common in the fields.
- Robins common
- Ruby-crowned Kinglets quite common in the river bottom brushland.
- Golden-crowned Kinglet - just two seen in fir timber.
- Cedar Waxwings - in poplars and willows along the river bottom.
- Valley Quail - a covey of 17 flushed from an open weed patch.
- Sparrow Hawk - one immature male seen in a small oak tree.
- Meadowlark - not very many seen.
- Pied-billed Grebe - a pair of them on one of the sloughs.

November 2, 1946

MacDonald Forest and enroute, 8 to 11 a.m.   Foggy in valley, clear on mtns.

465

Killdeer
Flicker
Pileated Woodpecker
Red-breasted Sapsucker
Gairdner Woodpecker
Oregon Jay - 2 seen near where seen last spring.
Coast Jay
Crow
Oregon Chickadee
Chestnut-backed Chickadee
Red-breasted Nuthatch
Bush Tit
Creeper
Seattle Wren
Winter Wren
Robin
Varied Thrush - quite a few seen in the timber.
Golden-crowned Kinglet
Ruby-crowned Kinglet
Cedar Waxwing
Hutton's Vireo - Heard and seen twice in Big leaf maple in fir grove.
Audubon's Warblers - 1 flock roving through hazel brush
English Sparrows - near Service station at Lewisburg.
Meadowlark - one singing from 15' perch in fence row.
W. Evening Grosbeak - Small flock in the fir timber, calling.
Purple Finch - several small groups in the fir tree tops, calling.
Pine Siskin - 3 small groups heard and seen.
Red Crossbill - 1 group of 10 and one of 6 flying over high.
Towhee
Brewer-Blackbird
Junco
Savannah Sparrow - several seen in the brush, and up in small trees.
White-crown Sparrow - Quite a few seen - some with the "Goldens"
Golden-crown Sparrow - Many, many large flocks in the fence rows along the road.
Fox Sparrow - In dense, brush, in fir woods.
Song Sparrow

November 3, 1946, Stewart Lake, 1 p.m. Clear and windy. 55°F
Mallards - 50-70 present about equal male and female.
Greenwing-Teal - 8 to 10 seen.
Wilson Snipe - 2 flushed from vegetation at water's edge.

466

Killdeer
Flicker
Horned Lark
Purple Finch
Juncos
Savannah Sparrow - 2 in grass at edge of pond. Flew into ash trees when flushed.
Golden-crowned Sparrow - a flock of 15-20 in the willow-rose brush.

Nov. 11, 1946 — 10-12 a.m. Clear + NE wind at 10 mph.

"Poison Oak" Lake, Linn Co.

~~[illegible] Blue Heron~~ Little Brown crane lit in oak, "croaking" eagerly

Long-tailed Jay — in brush of hazel + D. fir

Junco's common everywhere

Flicker — one calling from top of oak

Audubon Warbler — small flock working the ash + oak around the lake

Red-breasted Nuthatch

Kingfisher — 1 of them on the lake

467

Stewart Lake, Benton Co.

Many ducks present

Mallards, Pintails ♂ + ♀, Shoveller ♀, + Green wing Teal

Wilson Snipe

Nov. 19, 1946 — "Poison Oak" Lake 1-2 p.m.

Flushed a Little Brown Crane from the oaks at the far end of the [illegible] [illegible] it were definitely flew with neck fully outstretched

Gave same "rolling croak" as bird did on Nov. 11th.

468

Oregon Chickadee
Red breasted Nuthatch
Calif. Creeper
Kinglets, Ruby cr.

Flicker
Gairdner's Woodpecker
Pine Siskin
Long-tailed Jay

Nov. 19th Stewart Lake, 2-3 p.m.

Mallards
Green-wing Teal
Flicker

Oregon Chickadee
Bush Tits
R. C. Kinglet

Towhee

Nov. 27th 1946

Stewart Lake — 11 a.m. 14 Wilson Snipe flushed from flooded stubble field.

Green-wing Teal — 150-200 present.
Mallards — 10± present
Baldpates — 50-75 present
Brewer Blkbd 75-100 in an ash tree near the lake.

469

November 28, 1946, 10 a.m. to 1 p.m. Mt. Angel, on Abiqua Creek, Marion Co.

Red-tailed Hawk - just one seen landing on a fence post in stubble field.
Sparrow Hawks - several individuals seen perched on wire lines along the road.
Killdeers - 100's seen, in small and large flocks, feeding and in flight.
Flickers - abundant , averaging 15-20 to the mile of road. Mostly on the ground, and flushed at our approach, in open fields, or along fence rows.
Mourning Doves - several small flocks seen in old corn fields, and in gravel at edge of the road.

470

Crows, and
Brewer Blackbirds - at one point we came upon a "flight lane" of these two birds, and after stopping the car, and waiting for 10 or 15 minutes, a total of upwards of 300 Crows and 700 Brewer Blackbirds passed over the road. They were both working their way through a walnut orchard and moving out into a recently plowed field 200 yards from the road. Altogether there must have been 1500 or so individuals in association with each other.
Pipits - several flocks of 7 to 25 seen in fields along the way.

November 30, 1946. Pudding River Bottoms, Woodburn to Mt. Angel. 1 to 5 p.m.

Hooded Merganser - female - flushed from under Pudding R. bridge south of Gervais. Flew 150 yards upstream, lit, erected crest, and gave series of coarse, guttural croakish call notes. Then I flushed it again and it ran on the water before taking off. It circled and came back over me, flying with very rapid wingbeats, and having the appearance of "falling forward", probably because of the set-back wings, I guess.

Cooper Hawk - just one seen over a flooded area near the river.

Sparrow Hawks - One pair flushed from fence lines along a stubble field. 471

Valley Quail - a covey of 12 or 15 birds were either "dusting" or feeding on gravel at the edge of the road east of Gervais.

Western Gull - a single immature flew steadily upstream along the river course.

Mourning Doves - small flocks seen at the edge of the road, or in old corn fields.

Flickers - common, averaging at least 20 or 25 to the mile. Most on the ground when flushed.

Oregon Chickadees - two of them busy pecking hard at the limbs of a Yew Tree. Allowed approach within 5 feetof them.

Winter Wren - singing from a vine maple twig. Others seen, but they weren't singing.

Seattle Wren - feeding under blackberry bushes in company with Towhee and Fox Sparrow

Brewer's Blackbirds: 300 or more on the ground at 430 at edge of a flooded field.

Juncos - 100's seen along the roads and in the bushes. Nearly every foot of fence rows has its Juncos.

Golden-crowned Sparrows - many large flocks seen in the fence rows. Probably saw 2 or 300 of them today.

Pine Siskins - flushed a flock of 250± of them from the top of a Red Cedar tree and they circled and returned to the tree. I repeated the performance.

OregonTowhee - working in harmony with a Fox Sparrow and Seattle Wren under a blackberry bush.

Fox Sparrow - mentioned above.

Dec. 9, 1946 — Corvallis, Oregon 10³⁰ a.m.

Black Pigeon Hawk - one seen in a magnolia or tulip tree at 16th & Van Buren. It flew, finally, heading into the wind to gain altitude, & then looped around & went south east with the wind. 472

Robins — There has been a decided absence of them this past month, but they were present today in droves & flocks. In a half hour I saw at least 400 of them here & there on the north side of Corvallis.

Dec. 14, 1946 — Woodburn — 100's of Robins in the area now. Evidently this last storm & present cold wave brought them in from the north. 473

Dec. 24, 1946 — Woodburn — 11 a.m. Foggy, calm, cold. 474

Long-tailed Jay — carrying berries of Pyracantha in its bill. Berries [illegible] under [illegible] Cedar [illegible] Having used [illegible].

Fox Sparrow — In Arizona Cypress

Seattle Wren — In our Laurel Hedge

[illegible] —

[illegible]

[illegible]

Robins common.

Clear Lake, December 24, 1946 1 – 2^{30} pm. Clear + calm. cool.

3 Red-breasted Sapsuckers in Ash trees within 2 [illegible]

45 [illegible] in [illegible] water.

[illegible]

11 Song Sparrows [illegible] in [illegible] 20'/30'.

35 – 40 [illegible] in [illegible]

[illegible]

20-25 [illegible] quite common [illegible]

100's of [illegible]

475

Lake east of [illegible] — 2^{30} – 4^{30} pm.

[illegible]

Red-breasted Sapsucker

[illegible]

15-20 [illegible]

Hermit Thrush

[illegible]

Sparrow Hawk — [illegible] wings + tail each time [illegible] it.

[illegible] — 4^{30} – 5^{30} pm.

[illegible]

30-45 Mourning Doves in a stubble field.

100's of [illegible] in [illegible]

476

Dec. 27, [illegible]

[illegible]

Jan 2, 1947 – Corvallis – Stewart Lake, 3^{30} p.m. 0 V12 – 38'.

Flushed a flock of 5-10 Meadowlarks from a stubble field [illegible] the road

& they all lit together in the next field.

In the pond, [illegible] 1" thick + 3 ♂ + 1 ♀ Mallards were on open water, [illegible]

[illegible] upon it + [illegible].

477

Jan 4, 1947 . 11 a.m., Near [illegible], [illegible]

2 single brightly colored Mtn. Quail! seen at the edge of the road, in the gravel-pit!

478

Jan 4, 1947 – 11 – 2 p.m. – Mary's Peak, Benton Co. Clear + warm on top. Visibility unlimited + excellent [illegible] from Mt Rainier in Wash. to Mt. McLoughlin in S. Oregon.

One Townsend's Solitaire [illegible] the summit in the [illegible] fir.

Many flocks of 10 – 70 Evening Grosbeaks flew over the summit [illegible] from the Noble fir on one side to the other (E-W + W-E). Calls given in the air.

One flock of Red Crossbills in the Hemlock + Noble Fir.

Jan 8, 1947 – Poultry Bldg 2 p.m. Imm. W. Bluebirds + Robins in Elms outside.
Corvallis, O.S.C.

479

Jan. 11, 1947 – Corvallis, 1 – 4 p.m.

Avery Park – around river trail + up 2 loops above park. 1-2 p.m. 480

No birds in the park.

1 Ruby-crown Kinglet working hazel brush S of the park

1 ♀ American Merganser in eddy pocket off the main Mary's river. When we flushed it, it used up 55'-60' of water for its takeoff, + then flew only 100 feet or so farther on before it banked into another cove for a landing.

~~Brook Lane~~, ~~St~~ Mary's River — 2-3 p.m.

Many Flickers

Towhee

Song Sparrow

Flock of 10-15 Western Bluebirds

1 Long-tailed Jay in brush.

Robin.

– Cemetery Hill 3-4 p.m.

2 Red-breasted Nuthatch

Flock of Juncos in hazel, poison oak brush.

January 14, 1947, 12-mile Swamp, Benton Co., Noon to 230 p.m. 20 0, N6, 35°F.

9 Lesser Canada Geese at north end, got up in flocks of 2 and 7. Flew NW.
100& Mallards, about equally M & F. 481
Baldpates – heard by Dave Marshall, but not seen.
5 Pintails – 2 M in full plumage, and 3F. On water and in flight. One male sailing along on the water with its head pulled clear in.
500& Green-winged Teal – Large bands of them at the north end of the lake, with Coots, Geese, and Shovellers.
3 Bluewinged Teal – 1 M & 2F. This small group of 3 flew by at 50 yards, and from all appearances, the one male could be nothing else. It is questionable inasmuch as this is out of season for any migrants.
40-45 Shovellers – About 30M to 15F, (or juveniles) One flight of 9M & 5F went over. The males had as brilliant and beautiful a plumage as I have ever seen on them.
Ring-neck or Lesser Scaup – I thought I saw a flight of 4 or 5 land in a part of the swamp on the far side, but nothing further was seen of them.
W. Red-tailed Hawk – west of the swamp area.
Amer. Rough-legged Hawk, a hawk thought to be this, and definitely not a Redtail, circling quite high, at the north end of the swamp.
100& American Coots – in small and large bunches. One of 32 counted.
Killdeer – now and then one would fly over.
Tule Wren – we heard and saw about 4 of them, and we didn't hit all the swamp.
Hermit Thrush – on a ½-submerged log in Muddy Creek. Grayish sides showed well.
Ruby-crowned Kinglet – seemed to be individuals here and there.
Audubon Warbler – in the ash trees, and on the vegetation over the water a few "s.
American Pipits – a flock of 7 flew over – strung out about 50' apart.
Purple Finch – a couple flew over.
Towhee – in the ash and rose scrub at the edge of the swamp.
Song sparrow – common everywhere in the brush.

Jan. 14, 1947 – 12-mile Swamp to Peoria Ferry: 230 to 3 p.m. 20 0/ N 4.
Mallards on ponds, Killdeer in fields, Flickers, Varied Thrush, Savannah Sparrows and Juncos.
Dumas saw in same place on 1-16-47

Jan. 14, 1947 – ~~12~~ Peoria Ferry, Benton Co. 3 to 415 p.m. Clear and cold. 482
Blue Heron flushed and it crokked a lot. Kingfisher on slough, did not rattle when flushed. Flicker, Harris Woodpecker, working poplar at about 60'.
Oregon Chickadee, Slender-billed Nuthatch, R. C. Kinglet, Audubon Warblers, House Finch (call by Marshall), several in poplars, White-crowned and Golden-Crowned Sparrows in a mixed flock in fence row – mostly whites. Fox Sparrows.

January 16, 1947, Poison Oak Lake, Linn Co. 1 p.m. /0/ 34°F.

Sparrow Hawk - perched in small filbert tree in orchard. 483
Killdeer - small flocks seen in fields or flying by.
Flicker - many seen, and most were feeding on the ground. Fly into tree when flushed, and as usual, go into the dipping act.
Long-tailed Jay - watched 2 hop around in an oak, chasing each other. One scolded as it flew away, but the other flew away silently.
Oregon Chickadee - many working the oak trees in the area.
Slender-billed Nuthatch - working an oak.
Red-breasted Nuthatch - working a D. Fir in a small patch of woods.
Winter Wren - in the poison oak and rose pasture near the lake. Scolding a lot.
Robins - plentiful in the country, and more than abundant in town.-- everywhere !
Varied Thrush - just two s een and heard at the lake.
Ruby-crowned Kinglet - in the scrub ash, and poison oak.
Pipits - a flock of 15 flew over as I left the lake.
Audubon Warblers - working the ash and oak trees in the area. Calling.
Meadowlarks - flushed flocks of 20 to 45 concentrateed in muddy fields along the road.
Towhee.

January 21, 1947, Oak Grove south of Philomath (123° 22'W & 44°30'30"N),
With Dave Marshall, 1230-1415 PST, /0/ 250, SW7, 45°F.

Killdeers - calling from the fields on the flats below the hill.
Flickers - common on the ground, and flushed into the oaks. Several call notes 484
Lewis Woodpecker - estimated 15-20 in this grove, for they were seen everywhere. Many were more or less paired off and giving their "whistle" call notes, as they gracefully chased each other from tree to tree. Seemed almost to be courtship flights, being paired off. One Lewis Woodpecker dominated a Varied Thrush perched in the top of an oak, by taking the perch.
Long-tailed Jays - I'd guess between 8 and 10 of them were in this area. Noisy calls were heard almost continually.
Raven - one flew over high above the oak grove, no call was given. Indirect flight.
Oregon Chickadee - quick a few in the brush.
Slender-billed Nuthatch - About 3 or 4 is all that seemed to be here.
Seattle Wren - several singing off and on, from the brush under the oaks.
Robins - not too many feeding on open ground in the grove.
Varied Thrush - Probably more than 50 of them, for they seemed to be everywhere, mostly in the oaks, high and low, and on the ground, and in the brush. One was dominated and chased from its perch atop an oak by a Lewis Woodpecker. "Churps" heard all the time, and once and a while its "Rusty" call notes.
Western Bluebirds - a small flock flew over the grove.
Ruby-crowned Kinglet - a few individuals in the brush.
Audubon Warblers - More than 50, mostly immatures, feeding through the oaks, and in the underbrush.
W. Meadowlarks - singing from the low land below the hill grove.
Purple Finch - one flew over, high, and 2 others were seen in the brush.
Towhee - quite a few seen in the brush.
Junco - not very many seen, except feeding on open ground.
Fox Sparrow - in the rose and oak brush.

Jan. 21, 1947 Near Independence Schl. (123°23'" & 44°28'30"N), 1415-1440 PST.
Pileated Woodpecker - first seen flying high, in the open, 200& yards from any woods. It looped around, and landed on a slim fir in the woods. 485
Stellar Jay - Just one seen near some Wood Rat nests.
Winter Wren - scolding and singing in the deep, mossy woods.
Pine Siskins - 18 of them flew over part of the fir woods.

January 21, 1947, Beaver Creek School to Bruce (12-mile Swamp) 1440-1545 PST.
Ø// 25 Ø// SW 8, 40°F.

Cooper Hawk - 3 seen altogether. One perched on wireline pole in open country. Another circling over a fir forest, and a third flying over a farm house. Flickers fleed rapidly from its course of flight.

Red-tail Hawk - just one perched in the top of an oak in the open.

Sparrow Hawk - several seen on wire lines, etc. One spotted on a fence post, and it had a dead bird in its grip. We gave chase, but it carried the body with it. After a lengthy search on the ground around this sight, we found enough body and wing feathers to determine (inaccurately) that the victim was a male towhee. We found where the bird may have first been attached, for there was just a white-spotted black wing feather, and some scattered breast feathers 20 yards away. About 40 yards away was the final catch, for here were many belly and breast feathers, and even pieces of flesh. The Hawk must have hit with terrific force to rip live flesh loose. Below the perching post were more body feathers and two wing feathers. The hawk seemed to be a female. 485

Flickers - common on the ground in all the fields. Saw upwards of 25 in one grassy field that may have been an old pasture.

Long-tailed Jays - quite a few seen in the deciduous brush here and there.

Crows - In one small valley we came across a small flight of 50 or so, and there were many, many more on the ground, farther down the valley, in company with a large flock of Brewer Blackbirds.

Ravens - a small flock of 7 flew over, near Bellfountain.

Robins - common in open fields and pastures.

Brewer Blackbirds - in a very large flock with Crows in one open valley.

Juncos - everywhere along the fence rows in large and small groups.

January 21, 1946, 12-mile Swamp (at Bruce), 1545-1645 PST. Weather as above.

Lesser Canada Geese - many small and large flocks of 15 - 30 flying from the floothills to the river. One flock of 150 or so seen on the way to Corv.

Cackling Geese - a few flying toward the river with the Lessers. There size cifference was quite noticeable. 486

Mallards - Didn't seem to be over 50 of them today, Less than last time.

Pintails - about the same as last time (2M and 3F). Didn't count~~y~~ them.

Green-winged Teal - seemed even more abundant (700&) than last time. It is still a thrill to me to hear the whistle of their wings in flight.

Shovellers - seemed about as last time, with more males than females.

Coots - plentiful. I'd guess there were over 100 of them.

Say's Phoebe - A real surprise to see this one. Dave spotted it first on a weed stem about 15" above the ground, and incidently not over 10 feet from where we first saw the Cinnamon Teal a few years ago. It just took a moment to make out it was a flycatcher for it flitted out to take a bug in the air, and again to take one on the ground. We approached closer in order to get the color pattern. Its plain black tail, dark head, and pinkish-tan or buff under colors were unmistakeable. We were even fortunate enough to hear its light, plaintive, two-syllable notes, several times during the 20 or 30 minutes that we spent in following it in its feeding activities from perch to perch. These ranged from less than a foot above the ground to scrub ash not over 10 feet up. It gave its call in flight, and on the perch. It fed over land, and over water. It was warm enough today for midges to hatch, and swarms were seen here and there. There was no shortage of food for it, even if it had turned cool by the time we reached the swamp. It posed nicely for us at less than 30 feet several times. Some times it sat quietly, and other times nervously, fanning its tail, etc. It seemed more intent on feeding than it did on evading us, however.

Seen 1-16-47 at the swamp
by Dumas + Storm

Tule Wren - none seen or heard this p.m. Perhaps because of the late time of the day. It was several hours earlier last week.

Pipit - just a single one flew over, so far as I know.

Redwings - None at all last week, but this week the air was filled with there varied calls, making this visit seem like old times. Most were males, in full plumage. In one flock of 13, just 4 were females

Jan. 23, 1947 — Stewart Lake, 11 a.m.

Common Snipe — 17 flushed from flooded grain field.
Killdeer — 2 with them.
Mallards — 15 [illegible] present.
Pintail — 7 (3♂ + 4♀) present
Shoveller — 2 ♂ is all I saw.
Green-wing Teal — About 150 on the lake this a.m. Very wary. Flew away, while all other ducks stayed on the water.

January 25, 1947, Eckman Slough Waldport, Oregon, 10 a.m. 3Ovc/SW25/43°F. R&.
Farallon Cormorants - a few on the bay and river.
Canvasbacks - Two bunches of 6M & 4F, and 4M & 2F. After taking off, legs hand awkwardly for some time.
Lesser Scaups - one pair on the river.
Bufflehead - 1 pair. Male in full plumage.
Red-breasted Mergansers - 1 pair seen.
White-winged Scoters - the only ones seen. Common.
Killdeer - 2 were flying and calling in all this storm.
California Gulls - several seen.
Song Sparrows - one pair at the edge of the bay in the grass. One was going through a "quivering" action such as I have witnessed in some mating birds.

January 25, 1947, Lint Slough, Waldport, 11 a.m. Weather as above.
Loon - ? ? ? - Red-throated or Pacific Loon. We couldn't determing it. In diving it does not rise out of water as do the Cormorants. It just seems to slip downward as it goes forward. It spent much more time submerged than on top.
Red-breasted Mergansers - 3 were seen. Quite brillian plumage. Males.
Kingfisher - just one flew along the slough.
Golden-crowned Kinglets - working the fir woods bordering the slough.

January 25, 1947, Yachats River and Bay, 12 a.m. Weather as above.
Harlequin Duck - not abundant, for we saw only 2 or 3 off shore. 2M and 1F.
White-winged Scoter - a few off shore.
California Gulls - standing in scattered flock on sand bar in the bay, and shifting with the small changes in wind direction, taking advantage of what "air pockets" they could find. An example of a response to a micro-environment demand.
Golden-crowned Kinglet - working through spruce and pine at edge of the ocean.

January 25, 1947, Yaquina Bay, south Side, Newport, Oregon 1-230 p.m. same weather.
Farallon Cormorants - quite a few seen in the water and flying up and down the bay.
Canvasbacks - a few seen. Mostly males.
Lesser Scaups - a flock of 10 seen at ~~t~~edge of the bay.
White-winged Scoters - about [illegible] of them out on the sand, some 15 feet from the edge of the water. Perched on wood debris, or just on the sand. Just seemed to be resting. Didn't pay much attention to us. When we flushed them, they got up and "ran" on the sand, as they would on the water, and took off in a distance of about 15 feet. (helped by the 25-30 mile winds today). All took off quartering into the wind, although not all facing that way then flushed. This is the first time I have seen them out of water, on land.
California Gulls and immatures - a flock of around 500 standing on a sandy point in the bay, semi-shelter from the strong SW winds.

January 25, 1947, Yaquina River, Toledo Oregon 4 p.m.
A flock of 12 Lesser Scaups on the river, very near the highway.

January 27, 1947, Jack's Bridge, Butte Creek 1230-330 p.m. 0/ 40°F.

Hungarian Partridge - just 1 seen at the edge of the woods.
Bob Whites - 9 of them flushed from fence row near the creek, and they flew across
Flickers - 4 of them flying to and from an isolated oak tree in a walnut orchard.
Pileated Woodpecker - 1 seen in the deeper fir woods. It did not call.
Lewis Woodpecker - 1 in oak at edge of fir woods. Caught insects in the air. 491
Water Ouzel - 1 scolding as it flew around me downstream.
Varied Thrush - 37 of them feeding on rotting walnuts among molding leaves in
the orchard. They were actually pecking through rotting shell.
Ruby-crowned Kinglet - seen now and then.
Pine Siskins, 225-230 of them busily and noislily feeding on Alder "cones" of a
large Alder tree growing at the edge of the creek. They paid no attention
to my presence, and allowed close approach to those on the lower branches.
Towhees - Males and females seen here and there.
Juncos
Song Sparrow - singing from a 6' perch in a hazel bush.

January 27, 1947, Oak Knoll and Vale between Thomas Sch & Rockie 4-Corners.
330 to 5 p.m.
Cooper Hawk - perched in top of oak overlooking a field.
Sparrow Hawk - carrying small mouse from field.
N. Spotted Owl - Attracted to a clump of fir by a "hoot, hoot-hoot (joined)". 491
I found it perched high in one of the firs. It was barred and spotted
below, and the undertail was light and barred some.
Long-tailed Jay - one quietly perched on top of tall oak.
Oregon Chickadees - 2 pecking open "balls" attached to limbs, apparently eating
the contents of the "balls", and I approached with 3' of them while they peck.
Slender-billed Nuthatch - working oaks in the area.
Varied Thrush - scattered individuals seen.
Pipits - 38 in one field nearby.
Brewer Blackbirds - here and there in flocks of 7 to 30. Not feeding, but waiting.

January 28, 1947 - Hubbard Mineral Springs - 8-1030 a.m. OVC/650/ 35°F.
Stellar Jay - scolding from the deeper fir woods.
Winter Wrens - in the vines and brush of a logged over area. Scolded me only
when I came within 4 or 5 feet of them. 492
Ruby-crowned Kinglet - here and there inthe brush.
Golden-crowned Kinglet - in flocks of 10 to 20 working through the fir.
Fox Sparrow - just one seen in the brush.
Song Sparrow - Several in the brush of the logged off area.

January 28, 1947 - Pudding River, near Coney Island. 1030 to 12 noon.
Not a single bird was seen in all this time.

January 29, 1947, MacFadden's 12-mile Swamp. 1300-1445 PST, 6 OVC,R-, S15-20

Canada Geese - few scattered in with
Lesser Canada Geese in a flock of 3000&, Took off from north end of swamp in a mass, and split into 2 groups, one heading NW, while the other circled and landed in field east of swamp, near the hiway. Flushed them back and forth.
413
Mallards - 9 M and 9 F.
Gadwall - 6, in center of the pond.
Pintail - pretty close to 1000 of them, equally M & F, in the grass and shallow water at north end of the swamp, flushed, circled and landed again farther on.
Green-winged Teal - 30 mixed in with the Pintails. (Where'd the 100's go?)
Blue-winged Teal - took off from center of swamp, and went into south end of swamp, as they did Jan. 14th.
Shoveller -- 3 F and 2 M, the rest must have moved on.
Killdeer
Wilson's Snipe - 4 flew into field next to swamp. Flushed 5 others one at a time.
Coot - 41 is all that were seen.
Tule Wren - a couple or so along the road through the swamp.
Robins
Pipits - several flew over.
Audubon Warblers - working the ash trees, in a small flock.
Redwings - none seen. On Jan. 16th Dumas and party were there at 3 p.m, and no Redwings were present, but a large band came in while ~~we were~~ they were there. On the 21st, Dave and I were there late and the swamp was full of them. Today, early in the afternoon there were none. Where do they spend the day?
Song Sparrows.

Feb. 1, 1947, Calapooya R., Linn Co., Oak-pasture, 8-11 a.m. R- 40°-SSW14, 10 ⊕
Mallards - about 15 in small ponds
Green-wing Teal - 3 seen. Flushed easily.
Killdeer - flying around [illegible] there calling.
414
Br. Blkbds -
Flickers - some feeding on the ground
Robins - flight of 70-75 came in from the SW.
Towhee - 7-8 in rose bush clumps.
Juncos - over 100 feeding on the ground on dumped grain
White-crwn Sparrows - Several in snowberry, rose, fence row.
Song Sparrows - a few.

Feb. 1, 1947 - Owl Creek - Fir Woods.
Flicker - 7 working open ground between trees.
Varied Thrush - 15 working under hazel brush + fir.
R.C. Kinglet - 2 or 3 working thru hazel
Pine Siskins - Several in firs

Feb. 2, 1947 - N. Cemetery Hill, 10-12 a.m.
1 ♂ Marsh Hawk flew leisurely up an oak - scotch broom swale.
415
Hermit Thrush
Towhee
R.C. Kinglets
Slender-billed Nuthatch
Varied Thrush

February 4, 1947, 12-mile Swamp, Bruce, Benton Co. 130 to 430 p.m.
½F 300Brkn, 7000 Ovc. SW 4. 40°F.

Blue Heron - one flushed from the ash at the north end.
. Lesser Canada Geese - approx. 1500 flushed from a field south of the swamp, when we were still 200-250 yards away, but all flew over us, as they flew to the north end, where we flushed them about a ½hour later. It was a thrill to see them in flight, and still more of a thrill to hear the crescendo-like roar at the beginning of the flock taking to the air.

4 [illegible]

Mallards - perhaps 40 were seen altogether, about equal M & F as we could tell.
Pintails - two flights of 70 and 30 went over us at the south end, and then we flushed about 200 more at the north end of the swamp, and these left the swamp area altogether.
Green-winged Teal - between 2 and 300 were seen in the grass and shallow water at the northend of the swamp. There has been a decided reduction in the number of this species the past couple of weeks.
W. Red-tail Hawk - a pair flew over the swamp, but did not see them pursuing prey.
Sparrow Hawk - just one seen on a wire line a mile or so N of the swamp on hiway.
Coots - The population doesn't seem to vary much, for there are about 100 yet.
Wilson Snipe - just one pair flushed from a flooded pasture near the swamp.
Flickers - some along the fence row and fields on the way in.
Horned Larks - heard one singing, several calling, and a few flew over us.
Tree Swallows - Dave and I watched one feeding continuously over the central part of the swamp, and saw its field marks many times during the course of the afternoon. When we went to the far north end of the swamp, we saw one there, which may well have been the same individual, altho, all the time we were at the south end, it was seen there.
W. Crow - some heard in the distance.
Oregon Chickadees - in the ash at the edge of the swamp.
Seattle Wren - heard one or two, and they were singing each time.
Tule Wren - heard plenty of them, and saw a few at very close range.
Robin - three or four seen at the swamp.
~~Rub~~ Western Bluebirds - adults and immatures were very common everywhere around, the swamp, and we found one flock "hawking" in company with Audubon Warblers, over a flooded area of pasture. Call notes were heard constantly, and once we though that we heard one starting to sing.
Ruby-crowned Kinglet - a few in the brush.
Northwestern Shrike - the first thing that greeted us when we neared the bend in the road at the swamp was a view of an immature Shrike, presumably of this species. It flashed so much white in the wings and in the outer tail feathers that our first thought was of a Mockingbird. The black wings and slightly hooked bill soon dispelled that hope. The general body color was a dark gray, lighter below, but not white, as on the adults. It perched in low trees, and on fence posts, and gave chase to passing insects, and when we first saw it, went to the gravel in the road several times. 15 minutes later it did the same thing, while under fire from my "wide-of-the mark" Bee Bee gun. Sorry, I couldn't collect it.
Pipits - heard quite a few and a flock or two of 8 or 10 birds flew over.
Audubon Warblers - perhaps about 100 of them working through the ash, and on the brush and grass in flooded pasture areas. One group of them was working through a flooded pasture in company with Western Bluebirds.
W. Meadowlarks - a few seen and heard.
Northwestern Redwings - when we first hit the swamp, there were none to be seen or heard, , but about 3 p.m., the first ones arrived, and by the time we left, the stragglers may have amounted to over 100 birds in the area.
Brewer's Blackbirds - a few flew over singly and in small groups.
Savannah Sparrow - at least 2 and probably more seen in fields on road into the swamp. Gave call notes from the grass, or small trees wherever they were.
Towhee - pairs seen over more or less equally divided areas around the swamp.
Juncos - small groups seemed to be working the brush everywhere.
Golden-crowned Sparrows - about 6 of them feeding in the mud at the edge of pool.
Song Sparrow - in all the fence rows, and with the Tule Wrens and Towhees around the swamp.

February 6, 1947, Corvallis to Duck Trap Pond, 1 - 2 p.m. Brkn/100 50°F.

Mallards - a few on the pond, both male and female.
Baldpate - I saw just one full plumage male.
Pintail - just 3 or 4 of them.
Green-winged Teal - pe rhaps there were about 40 altogether.
Shoveller - approximately 17 full plumage males, with 14 others.
Redtail Hawk - just one soaring over the area.
Pheasant - flushed 6 of them from a brush patch under oak, near the pond.
Killdeer - In the flooded field were [illegible] birds, on the mudded areas.
Wilson Snipe - I flushed exactly 57 of them from an area 100' X 75 feet.
Flicker - several in the oaks, and others feeding on the ground in fields.
Lewis Woodpeckers - 2 of them in the tops of the oaks around the pond. They took off every few seconds in pursuit of insects, and did some fancy flying once in a while to catch their food.
Horned Larks - a few were heard and seen in the fields on the way to the pond.
Long-tailed Jay - in an old orchard - perched in a tree-top with a Flicker & Robin.
Oregon Chickadee - quite a few of them working the oaks, and brush around the pond.
Slender-billed Nuthatch - a pair working one oak silently. I heard no call notes.
Seattle Wren - In some Willows in the pond. Not singing.
Winter Wren - in the underbrush in the deeper part of the oak grove.
Robins - not over a dozen seen all the way out.
Pipits - From 20 to 25 in with the Killdeer and Snipe on the mudded field.
Audubon Warblers - Individuals seen here and there, in tree tops, or flying by.
English Sparrows -
Meadowlarks - they seemed to be everywhere this afternoon, and most of them were singing from wire lines, treetops, or fence posts, and from the grund.
NW Redwings - Equal M & F flocks seemed to be everywhere between the highway and the pond, feeding in the flooded pastures of the area. Calls com on.
Brewer Blackbirds - In small flocks on wirelines, fences, and in trees. Also some feeding with Robins on mudd y ground.
Purple Finch - three of them flew over, and lit in the top of a nearby Ash.
Towhees - more or less evenly divided pairs in most brush patches.
Savannah Sparrows - about 7 of them seen in pasture areas, and brush near road.
Juncos - small and large flocks seen everywhere.
Song Sparrows - perched and singing around the pond.

February 6, 1947, Corvallis - Dixon Creek - N. Cemetery Hill - Corvallis 2-430 p.m.

Sparrow Hawks - a pair of them flying about an old orchard.
Pileated Woodpecker - in the deeper fir woods on the ridge above Dixon Creek. It gave its call, and I later heard it working.
Stellar Jay - one scolded me from the woods.
Long-tailed Jay - in the old orchard where the Sparrow Hawks were.
W. Crows - Heard some calling, but did not ~~hea~~ see them.
Winter Wrens - singing, then scolding, and I would say they were paired, for I came across two pair of them, each s ticking close to the other.
Ruby-crowned Kinglets - scattered individuals here and there.
Golden-crowned Kinglets - a flock of 25-30 roving through the 2nd growth fir. Kept up a continual line of chatter with each other while doing so.
W. Bluebirds - 9 or 10 perched on fences in open area.
Brewer Blackbirds - put up a flock of over 200 from one field, and also saw other flocks of 70 and 53 birds each.
Green-backed Goldfinches - came across 69 of them perched together on two wire lines along the road.
Towhees - seemed to be paired and common whereever there is brush.
Western Lark Sparrows - Just down the open slope north of Witham Schl, northwest of town I flushed a small flock of 5 or 6 birds taken to be Savannah or Vesper Sparrows until one of them gave a sort of buzzing note, and them I decided to check more closely to see if they were Larks. They were, for the outer tail feather tips were white, and the tail was generally black-brown. None had black & which head marks, for all were immatures. Before I left them, all had given the characteristic churr notes I learned in Idaho.
Song Sparrows - [illegible] everywhere I saw them.

50°

February 8, 1947 - Oak Creek, 2 miles west of Corvallis, 3 - 5 p.m. Brkn, warm.
Sparrow Hawk - one male seen.
Wilson Snipe, flushed from moist grassy areas along the creek.
Killdeer - quite a few in moist and muddy areas.
2 KINGFISHERS - 1 RATTLED + FLEW OVER POND.
Flickers - quite a few feeding on the ground.
Lewis Woodpeckers - 2 seen flying from oak along the creek.
Robins - a few seen here and there.
Bluebirds - a flock of 17 flew over and a few lit on fence posts near us.
Brewer's Blackbirds
Juncos - everywhere
Song Sparrows -

February 10, 1947 - Oak Creek Pond - 1½ miles west of Corvallis 4-5 p.m.
Wilson Snipe - flushed 2 from the edge of the ditch.
Killdeer - one flock of 32 flew over while I was at the pond.
Flicker - common - must have seen 15 between twon and the pond. Many feeding.
Lewis Woodpecker - flushed 2 from the oaks near the pond.
Horned Larks - 2 or 3 flew over, calling as they went.
Long-tailed Jay - in an ash thicket near the road.
Oregon Chickadee - a small flock working thru the same thicket.
Slender-billed Nuthatch - working a solitary oak tree near the pond.
Robin - 100's were feeding in a grain field along the road, with Brewer Blackbirds
W. Bluebirds - a small flock of 7 lit on a wire line near the pond. Call in flight.
Pipits - a flock of 16 flew over the pond.
Audubon Warblers - working a fence row of brush along the road.
Redwings - a few in the fields around the Dairy Barn - calling.
Brewer Blackbirds - 2-300 in the field with the robins, feeding.
Savannah Sparrow - just 3 of them were seen.
Juncos - everywhere in the fence rows, and in open areas.
Song Sparrows - singing, from the fence rows.

February 11, 1947, 12-mile Swamp, Bruce. 1330-1530 PST. 40ovc80 48-50°F, R-, SW 7
Gusty winds, dark, and very rainy.
*Lesser Canada Geese - There never have been the numbers around this area that there were today. There were between 6,000 and 10,000 altogether. ("Triangle" fight)
Cackling Geese - a few small flights of 7 to 15 were seen. Small size noticeable.
Mallards - a rough estimate of approximately 600 on the swamp, equally M & F.
Pintails - " " " of about 150 on the swamp. There were 2 full plumage males for every 3 females or immature males.
Green-winged Teal - About 350 flushed in small flocks from the north end of the swamp
Shovellers - a rough estimate of approximately 500 on the swamp, equally M & F.
Cooper Hawk - one seen flying low over the ash to the west of the swamp.
W. Red-tail Hawk - one seen feeding low along the railroad track.
? Duck Hawk ? - a single dark phase flying low (50-60') over the open swamp, which I first called a Cooper's (by the size), but it very definitely was a large falcon, with the pointed wings, presumably of this species.
Sparrow Hawks - 2 or 3 seen perched on wire lines, in the rain.
Pheasant - one rooster seen.
Coot - about 80 or so on the swamp, that we saw.
Killdeer - on flooded and muddy fields.
Flicker - one or two flushed from the ground along fence rows.
Oregon Chickadees Bush Tits working ash brush with
Tule Wrens Golden-crowned Kinglets, on west of swamp.
Robins - flock of 30 or 40 in two trees by the swamp, in strong wind and rain.
Pipits - flock of 9 flew over field near the swamp.
Audubon Warblers - here and there.
Redwings at the swamp early, M & F, possibly because of dark sky and stormy weather.
Brewer's Blackbirds Towhees Juncos Song Sparrows.
*The Lesser Canadas were very restless, and altho we did not flush any, a passing train did, for the geese were on both sides of the tracks in most of the fields, and a Cub plane flying in high from the north, put them all to flight. No matter where you looked, near or far, strings of geese could be seen. It was a thrill to see them in such enormous numbers.

February 15, 1947, Woodburn, Oregon
About 8 this a.m. a flock of 250-300 W. Evening Grosbeaks were in the Big-leaf Maples, Oaks, and Cherry Trees at the corners of 2nd and Hayes in town. Weather cloudy, and rainy.

502

February 15, 1947 - Woodburn, Pudding River 130-330 p.m. Light drizzle.
Crows - a few flew over.
Red-breasted Nut-hatch - two or three working the trees in the woods. One upside down on a Red Cedar and pecking as hard as a Downy.
Golden-crowned Kinglets- a small flock of 15 or 20 working thru the trees.
Fox Sparrow - one seen in the underbrush.
This is all the birds seen or heard in 2 hours.

February 15, 1947 - St. Louis - West Woodburn, 330-5 p.m. Light drizzle.

Sparrow Hawks - 2 different ones seen perched on wires in the rain. One had what looked like a Microtus in its talons.
Killdeers - 30 or 40 with Robins in a muddy fields.
W. Bluebirds - 2 or 3 seen at a place here and there on fences, etc.
15-20 Meadowlarks flocked in an oak tree.
Juncos - small flocks seen here and there.

February 17, 1947, Corvallis, Stewart Lake 3 - 4 p.m.
Mallards - about 30 pair on the lake.1st to take off.
Baldpates - 3 or 4 is all that were seen.
Green-winged Teal - a flock of about 35 were present. 2nd to take off.
Shoveller - just 3 pair were seen.
23 Wilson Snipe in one patch of flooded field and
60-70 Killdeer feeding and bathing in another patch of flooded field next to it.
Meadowlarks - scattered individuals everywhere. Many singin.g
Brewer Blackbirds - many flocking in oaks beside the pond.
Calif. Purple Finch. - 2 pair seen. Also heard one singing short, but sweet songs.
Towhee - pairs here and there through the fence rows.
Juncos - in small flocks
Song Sparrows.

503

February 16, 1947 - Avery Park, 1 - 3 p.m. N.G.
Cassin's Vireo ~~and Lutescent Warbler both~~ reported by Tom McCallister

February 17, 1947 - OSC Campus, near Ag Engineering Bldg.
Say's Phoebe reported by Dave Marshall.

February 18, 1947 - Corvallis, Avery Park - 1230 - 1330, -0/, N4, warm.
Ring-necked Pheasant - flushed from brush under ash and maple near the river.
Flickers - seen throughout the ash and maple.
Red-breasted Sapsucker - 3 or 4 of them calling and playing around on ash.
Long-tailed Jay - In the rose-brush-hazel pasture south of the park.
Oregon Chickadee - working the brush, and calling continuously.
Slender-billed Nuthatch - several heard and seen working the ash and maple.
Calif. Creeper - a pair were working the top of an ash.
Winter Wren - scolding us from a small thicket of brush, not 5 feet away.
Seattle Wren - scolding now and them, also heard singing.
Robin - quite a few in the open field near the pens, fewer in the trees.
Ruby-crowned Kinglets - scattered pairs or individuals in the brush.
Golden-crowned Kinglets - small flocks working the firs many places in the park.
Hutton's Vireo - high in a clump of D. firs. Has kind of a rasping lisp note.
Cassin's Vireo ??? - I am certain I heard one call once from a clump of trees.
Oregon Towhees - pairs well represented throughout the brush in the park.
Juncos - small flocks now and then, and quite a few were heard singing today.

504

February 18, 1947 - Greenberry, and flat lands west of there: 1330-1400.
Cool north wind at 6-8 mph. -0/ Cirrus.

Western Sandpipers - 2 flocks of these sandpipers were seen in a grain field beside the highway. One flock had 64 in it by actual count, and the other was slightly larger - perhaps 70-80 birds. They were a light grayish brown above, and a clear white below, with just slight dusky suffussion across the upper chest. The bill was slender and at least as long as the head. The legs were black or dark brown. No dark patch was seen on forehead.

Ravens - we found 10 of them on the ground, feeding on a dead sheep, not far from the road.

E. Meadowlarks - quite a few singing and perched on posts and wires here.

Brewer's Blackbirds -

NW Redwings - about equal numbers of M & F in the brush and fields.

February 18, 1947 - Little Muddy Creek - 7 to 10 miles south of Corvallis.

Mallards - flushed a flock of 54 from an overflow pond 200 yards from the road.

Wood Ducks - flushed 10 (~~6~~ 5 pair) from an open pond beside the road. They flew through a fringe of ash, and lit in the creek 100 feet away.

Sparrow Hawks - a couple seen on wire lines.

Mourning Dove - just one flew from the gravel road ahead of us.

Flickers - feeding on the ground, and perched in the trees.

Seattle Wrens - scolding and singing in the brush of an ash woods.

Robins - here and there.

Willow Goldfinch - about 30 perched on a fence, in dull plumage. Feeding on ground.

Towhees - apirs seen here and there along the fence rows. Common.

February 18, 1947 - Oak-fir Belt in foothills (~~Green~~ Beaver Creek-Bellfountain) 1415-1600.

W. Redtail Hawk - one perched on very top of D. Fir. Another perched on snag in more or less open area. Later circling up on cylinder and then diving off.

Ruffed Grouse - flushed from thicket of briar and [illegible]. [illegible] under fir in oak belt.

VALLEY QUAIL - FLOCK OF 18 IN THE ROAD NEAR BELLFOUNTAIN.

Ring-necked Pheasant - Just one cock from open pasture and brushy hillside.

Band-tailed Pigeon - one took off from top of 50' fir.

Flicker - quite a few flying around. Some perched in trees, others feeding on the ground. One or two were chased from oaks where they tried to perch, by

Lewis Woodpeckers - a pair were taking over a knoll scattered with oaks. They would chase the flickers, capture insects, chase each other, and utter call notes once and a while. Another pair seen inscattered oaks on the valley floor.

Tree ? Swallow - I had only a 20 foot glimpse of a single bird before in headed over a clump of firs, and it did not return, so I cannot be too certain of the species.

Coast Jay - a pair of them in oak beside a creek and old farmstead. Also in the fir woods.

Bush Tits - a small flock of 10-15 working the fir, and poison oak in brush area.

Seattle Wren - singing and scolding from the woods.

Varied Thrush - two or three from thick brush under oaks, in open.

Robins - quite plentiful everywhere.

W. Bluebirds - occasionals small groups would fly over. Others seen on fences, etc.

Ruby-crowned Kinglet - individuals or pairs seen and heard in brush areas.

Golden-crowned Kinglets - working through a woods area.

Hutton's ??? Vireo - called from top of oak, and then we watched it set near the top of the tree for several minutes, before it moved. We could not be certain but what it might be a Cassins.

Audubon Warblers - several small groups working the brush and small trees on the hillsides.

Towhees - pairs in the brush everywhere.

February 18, 1947, 12-mileSwamp, Bruce, 1600-1730. ~~0~~/ Cirrus, N 7-8.

Blue Heron - flushed along with all the geese and ducks.

Lesser Canada Geese - we flushed one single flock at the north end of the swamp. This was a thriller for there must have been at least 3000 to 3500 in the swamp, and then they circled and most of them came back over us at low altitude. We flushed them again after they landed in the next field north of the swamp. For the first time I had a really good chance to see how geese lose altitude when they come in to land. They roll over on one side until their extended wings are vertical, and they slip downward some 20-30 feet, before rolling their wings back horizontal, but they don't stop there if they plan on descending further, but continue to roll on over to the opposite side until the wings are again vertical. 507

Mallards - pretty well paired up, and the first to take flight as we approachh. There were between 200 and 250 of them today.

Pintails - flushed a flock of equal M & F of about 150-200 of them.

Green-winged Teal - not over 50 or so were seen this afternoon.

Shovellers - Equal M & F, and from 50 - 100 were seen.

Sparrow Hawk - perched in its usual place on the wire line beside the rail tracks.

Coots - I didn't see over 30 or 40 of them altogether, but they seem to be scattered out over the swamp now, rather than in large flocks as before.

Wilson Snipe - about a donzen were flushed along the flooded east side.

Tule Wren - only a couple were heard scolding.

NW Redwings - as we left they were beginning to flock up in the tops of small ash trees around the swamps. About equal M & F.

Savannah ??? Sparrows - we flushed two from the flooded area at the east side of the swamp, smaller than Song Sparrows, but we couldn't tell further. No white in the tail.

Song Sparrows flushed from about the same spot as the ?Savannahs.

February 20, 1947

Corvallis-Oak Creek along Railroad Tracks - Ed Holmberg - noon to 2 p.m.

Sharp-shinned Hawk 508

W. Redtail Hawk - 2 seen.

Sparrow Hawk - 2 or 3 seen.

Ring-neck Pheasant cocks feeding in fields

Great Horned Owl ??? *- flushed from D. Fir in Oak strip SE of Baldy. Not sur e

Flickers - common

Horned Larks - several small flocks flew over.

Long-tailed Jays - in the oak belt - common.

W. Crows - a flock of 100-150 were assembled in an orchard south of the tracks.

Oregon Chickadees - singing here and there.

Seattle Wren - singing and scolding now and then.

Robins - several flocks of 40 to 50 seen along the way.

W. Bluebirds - small flocks of 5 to 15 seen and heard.

Pipits - one flock of 7 in a field near the road.

Audubon Warblers - in pairs or small flocks everywhere in the trees and brush.

English Sparrows - not too far from a farmyard.

Meadowlarks to be seen and heard scattered everywhere.

NW Redwings

Brewer Blackbirds - flock of 30 or so in tree tops by farmstead.

Towhee / Junco Song Sparrow
singing

February 20, 1947, 12-mile Swamp, Bruce Sta., 3-4 p.m.

Blue Herons - one pair and one single flew over

L. Canada Geese - flocks at north and south end - total about 2000 birds. 509

Mallards - perhaps 150-200 M & F over the swamp area

Pintails - just a few pair seen on the main swamp - most being at the north end.

Shovellers - about 25 pair on the main swamp and most at the north end.

Pheasants Coots - about 60 seen here and there.

Killdeer in next field Tule Wren - scolding from the brush. not singing.

NW Redwings - few at 3 p.m., but many more pair drifted in by the time we left.

Song Sparrows.

OVER ↘

Feb. 22, 1947 — Corvallis, 1700 PST

Flickers
Juncos singing
Towhees singing + queer call
G. C. Kinglets
1 green-backed Goldfinch.

Jota

Feb. 23, 1947 — Suttle Lake, Deschutes Co.
Dr. W.L. Gordon reports Ravens in this area, and a Bald Eagle circling about over the lake.

February 25, 1947, 12-miles Swamp, Bruce Station, Benton Co. 1245-1600.
-0/ ENE 12-15, A Beautiful day !

Lesser Canada Geese - small flocks in shallow water at the north end, with the bulk of 2 or 3,000?? at the south end, on grassy land, just seemed to be basking in the sun, for they weren't feeding. Just the sound of airplane engines on the flyway to the east will put some of them to flight.
Mallards - there were 100's of pairs on the swamp today. Maybe 5-600 altogether.
Baldpates - one group of about 100 were on the water at the west side. Sexes????
Pintails - perhaps 300 altogether over the swamp area. There were more males than females, but there were plenty of females (about 1/3). They seem to me the most graceful of the ducks when in flight.
Green-winged Teal - not over 50 or so in the area today.
Shovellers - about equally male and females; perhaps 250 to 300 of them. As flocks circled overhead, it was easy to pick out adult and immature males, and females from each other.
Marsh Hawk - as we approached the swamp, a single gray-white male was seen beating slowly northward against the wind, and while we watched, he left the swamp, and cruised over a field of weeds east of the swamp, at a low altitude.
Sparrow Hawks - seemed that there are more in the area than before. Still the same one on the wire line by the rail crossing.
Wilson Snipe - in pool in field, near the road. 4 of them.
Killdeer - a few seen in the muddy field, next to the swamp.
Greater Yellow-legs - when we first came to the swamp, there 5 were in shallow water (up to body depth), in company with 15-20 Western Sandpipers. They gave the call note as they flew. Before we left the swamp, we saw them again at the north end of the swamp, where we heard their call notes again.
Western Sandpipers - A flock of 15-20 in muddy field east of the swamp, which flew into the swamp and joined the Yellow-legs, later, as we left the swamp, we saw them in the field again. I approached with 30 feet on foot, and observed them feeding, bathing, and preening while standing in 2" of water.
W. Crows - Flock of some 50-75 flew in from the fields to the west, and lit in ash grove along west side of the swamp.
Violet-green Swallows - Plenty of them were seen over the swamp area, hawking for insects this afternoon, accompanied by a few
Tree Swallows - I don't believe there were over a half dozen of these.
Tule Wren - none were seen or heard on the side we were on, but the high wind may have had something to do with it.
Robins - a few in the fields and brush here and there.
W. Bluebirds - flew over the swamp area, calling in flight.
American Pipits - two or three small flocks seen in fields adjacent the swamp.
Northwestern Shrike - a single one, in about the same plumage as that one seen Feb. 4th. It flew up to a wire line beside the highway, as we left the swamp. This was about 2 miles north.
Meadowlarks - not very many seen in the fields today. A few singing. Windy??
NW Redwings - males and females at the swamp at 1 p.m. or before, and others seen in large and small groups feeding in flooded fields west of the swamp.
Song Sparrows - in the fence rows.

February 25, 1947, Oak grove - field area west of 12-mile Swamp.

Flickers - common along the fence rows.
Lewis Woodpeckers - just two were seen in one clump of oak.
Stellar Jay - in a thick, brush fence row, about ½ mile from any fir trees.
Robins - 100's of them on flooded fields, and in the fence rows west of the swamp.
Bluebirds - flew over the area, and some lit in the oaks.
Redwings - 1 - 200 males and females feeding on flooded field west of the swamp.
Towhees - in the fence rows.
Juncos - in the fence rows.
Song Sparrows.

February 25, 1947 - Oak-Fir Hills 3 miles west of 12-mile Swamp. 115-5 p.m.
-0/ North 12-15, warm. Habitat Oak-Fir.

Winter Wrens - a pair of them within 8-10 feet of a pair of
Seattle Wrens in some brush beside the road.
Varied Thrush - a few seen in this mixed forest. In the underbrush till flushed.
Sparrow Hawks - hovering over nearby fields.

Same, Habitat - Fir

W. Redtailed Hawks - flushed what looked like a female from an old oak, rather deep in the fir woods. It flew out over an open field and continued on. As we watched it get farther away, we heard a crescendo roar of air directly over our heads, but couldn't figure it out until about 500 yards off, we saw this "bolt from the blue" diving, past the bird we flushed, with folded wings. Hardly had we finished seeing that and we heard another loud roar of air, and a second bird came diving at the area where the flushed bird was. The angle of descent of both these birds was about 60° from the horizontal. All three then chased each other off to another area, flying rather low.

Later, when we reached the ridge-top, I spotted a red-tail sailing very high, in a straight line to the west. After about ½ mile it dropped its angle of flight a little, and gained speed, swooping upward, then, toward another bird that we hadn't seen circling before. After gaining sufficient altitude near this 2nd bird, it folded its wings and plummeted nearly straight down, pulled out, and climbed straight, almost, in a short loop, and from what we could see, it winged clear on over in the loop, folded its wings, and went into another dive, and loop - this was down a total of 8 times, before the distance away was too great for us to see.

Mountain Quail - we flushed a covey of 8 or 10 of them at the edge of a wheat field, and fir woods. We could not approach very close to them. One gave a short, soft, call not as they flushed. They were quite noisy in the brush.
Great Horned Owl - flushed one twice ahead of us in an oak-fir mixed woods, near the top of the ridge.
??? - Long-eared Owl - ??? - flushed one ? from a fir woods on the south slope of the ridge. This identific tion is made only be elimination, for we didn't see enough to be sure. We are judging it only be size, as the only possible owl that it could have been.
Flickers - seen and calling in the oak and fir now and then.
Coast Jay - saw a couple. Gave regular scolding notes, as well as the old "Red-tail Hawk" routine.
Oregon Chickadees - working through the fir in company with
Chestnut-backed Chickadees, and
Red-breasted Nuthatches, and
California Creepers.
Winter Wrens - seen and heard.
Seattle Wrens seen and heard, scolding.
Varied Thrush - saw a couple in the fir, and deeper oak woods.
Ruby-crowned Kinglets - still seen as individuals.
Golden-crowned Kinglets - a small flock working the firs.
Hutton's Vireo - seemed to be quite a few in the area today. I learned three different call notes of their's today. One is a buzzing scold note, I believe. The call notes are crystal clear, and seem to carry quite a ways.

"Poison Oak" Lake, Linn Co. - 1-3 p.m. -0 /7
Pheasant
Killdeer
Mourning Doves - 7 on a wire line.
Flicker - a few calling
Violet-green Swallow - just one flying over the lake. - Very few insects present.
Long-tailed Jay - scolding
Oregon chickadee.
Seattle Wren - scolding

Robin
Ruby-crown Kinglet
Towhee
Meadowlarks singing
Juncos
15 White-crown Sparrows
Song Sparrows.

February 28, 1947, 12-mile Swamp, 9-10 a.m. Clear and cool. Frost last night.

Blue Heron - feeding in mid-swamp.
Lesser Canada Geese - still plenty around the swamp.
Mallards - around 400-500 pairs seen over all the swamp this a.m.
Gadwalls - just one pair of them was flushed.
Baldpates - [illegible], [illegible], [illegible].
Pintail - several flocks, mostly paired up, about 200 altogether.
Green-winged Teal - not very many were seen.
Shovellers - many pairs on the swamp. Males brilliant. (about 250-300 birds).
Killdeer - many seen in flooded fields, etc. Still in large flocks.
Western Sandpiper - a single with Killdeer, and a flock of 15-20 seen in another part of the field.
Violet-green Swallows - plentiful over the swamp.
Tree Swallows - a few were seen.
Tule Wren - heard one or two, but did not see any.
Pipits - a few flew over.
Redwings - males and females both scattered here and there over the swamp, calling.

February 28, 1947, Monroe - Fern Ridge Dam, 10 - 11 a.m. Clear and cool.

Flickers common.
Long-tailed Jay - a few singles, and in one place 7 were flushed together.
Crows - singles and small flocks over the countryside.
Bush Tits - a single one seen at the edge of the road in the brush.
W. Bluebirds - on fences and wire lines all along the way.
Savannah Sparrows - a pair were seen.
Golden-crowned Sparrows in fence row in mixed flock with
White-crowned Sparrows
Song Sparrows.

February 28, 1947, Fern Ridge Dame, Lane County. 11 - 330 p.m. Clear and cool

Blue Herons - we saw at least 15 or 20 different ones around the reservoir.
Lesser Canada Geese - a raft of 3-500 in the water off the west shore. Did not fly.
Mallards - quite a few were seen, in small scattered flocks.
Baldpates - perhaps several flocks added up to 150-200 birds.
W. Red-tail Hawks - a few seen
Bald Eagle - perched in top of dead tree, on a point at the south end of the reservoir. While we watched a solitary Raven approached it, and flew at it, as if to chase it away, but the Eagle just sat there, and soon, the rave, which had lit next to it, flew away. The eagle was a male in clean dark brown and white plumage.
Marsh Hawk - a single female flew low over a raft of baldpates and mallards, but they showed no alarm, and it made no pass at them.
Sparrow Hawks - saw quite a few beautiful individuals today.
Gulls, possibly California (from one identified by McAllister). 15-20 present.
Killdeer - common
Wilson Snipe - just one flushed from a marshy area.
Least Sandpiper - a flock of 20-25 "gyrated" past us, and lit $\frac{1}{4}$ mile away; and we approached within 10-15 feet of these little birds while they fed.
Tree Swallows - giving call notes.
Ravens - a few were seen, and we watched one attach a Bald Eagle perched in the top of a dead tree.
Tule Wren - a pair found in a sedge-meadow almost $\frac{1}{4}$ mile from water.
Towhees
Juncos.

March 1, 1947, Stewart Lake, 1½ miles N of Corvallis 2-3 p.m.

Cackling Goose - a single bird in company with a
White-fronted (?) Goose at the south end of the lake.
Mallards - a few pair of them seen. Also 2 single drakes.
Baldpates - two or three pair is all that was seen.
Killdeer - flushed a flock of 42 from the muddy field beside the pond.
Creeper - calling and working the ash and willow on the east side of the lake.
Audubon Warblers and
Juncos very busily "hawking" insects in flycatcher fashion from the trees and bushes around the pond this p.m.

516

March 1, 1947 - Dixon Creek Ridge, 3-4 p.m.
Sparrow Hawk - a single perched on snag top where nest was located last year.
Mountain Quail - found a small covey in a dense briar patch on top of the ridge, in logged out fir area. Call notes of alarm were sort of tremelous and excited. Just caught a glimpse of the birds.
Red-breasted Nuthatch calling.
W. Evening grosbeak - a single one flew over, calling loudly

517

March 3, 1947 — Corvallis, O.S.C. Sheep Barn · Occasional Rain Showers.

Say's Phoebe - one perched on wire fence + flying to the ground for insects, + back to the fence.

Robin — collected a male, with testes approximately 1.25-1.50 by 2.00 mm.
Cestode tapeworms present in intestine. One large one collected. Many small ones.

March 4, 1947, 12-mile Swamp, 300 Brkn, SW 5, RW-.
Only 2 or 3 birds seen on the open swamp when we arrived. Water level up 3".
Lesser Canada Geese - 2500-3000 in flooded field north of the swamp. We did not flush them. They were preening, and many were extending their wings and beating them vigorously, or running a short distance while beating them.
Mallards - just a few pair were seen.
Pintails - a few pair were seen.
Green-wing Teal - a few
Shovellers - a few pair seen on the water and in flight.
Marsh Hawk - a male seen over same side of swamp again.
Coot - a few
Snipe - a pair flushed near the swamp.
Killdeer - one
Flickers - a few
Violet-green Swallows - quite a few over the swamp feeding on an abundant hatch of insects.
Tree Swallows - a few with the Violet-greens.
Tule Wrens - heard several scolding, etc.
Robins - many present.
Bluebirds - some flew over, calling.
Audubon Warblers - working the ash, and heard their song for 1st time this year.
Meadowlarks - a few singing, even in the rain.
Savannah Sparrows - in the fields next to the swamp.
Song Sparrow - here and there, singing, etc.

518

1-4 p.m.
March [illegible], 1947,/ Woodburn – Broadacres – St. Paul. 30VC, SW8, R-, 2 mi.

Sparrow Hawk – 2 or 3 seen on the wire lines, or hovering over pastre in rain
Valley Quail – covey of 11 in gravel road as I approached.
Pheasants – a singe cock in a green grain field. Flock of 7 hens in gravel road, next to brush patch.
Mourning Doves – few pair perched on wire lines in the rain.
Flickers – common everywhere in trees and in fields.
Long-tailed Jay – in a grove of oaks.
W. Crows – a few heard and seen.
Oregon Chickadees – working thru an old orchard.
Slender-billed Nuthatch – an immature working an oak.
Robins – singing everywhere in the rain. – also calling.
W. Bluebirds – on wire lines and in hop fields everywhere.
Brewer Blackbirds – common.
Willow Goldfinch – flock of 20 – 30 aseen, but no full plumage males yet.
Towhee – singing in the rain, from a fence post.
Juncos – common.
Golden-crowned Sparrows – in the fence rows along the highway. Many immatures.
Song Sparrows – common.

519

March 7, 1947 – Salem to Corvallis, 11 to 1 p.m. 60 OVC, 4 Brkn, no rain.

Turkey Vulture – two pair were seen, one south of Salem, and another between Albany and Corvallis.
Pied-billed Grebe – in slough off the Willamette south of Albany. Dove as we approached.

March 8, 1947 – Alsea Fish Hatchery 9^{30} a.m. – Raining – Townsend's Solitaire

March 11, 1947, Avery Park, 12-mile Swamp, and Oak-Fir Ridge west of swamp.
Noon to 5 p.m. 1500 Sctd, calm, warm.

Blue Heron – flushed one from the north end of the swamp, that was in company wi
Lesser Canada Geese – a flock of about 150 or so that all got up together. There were also an undetermined number in the fields south of the swamp.
Mallards – about 30 pair altogether were seen. The past week's rains had raised the water level a great deal, and all the ducks were in the shallow water in the nearby fields and pastures where no current flowed, as in the main swamp.
Green-wing Teal – a few were seen, but not over 50, I'd estimate.
Shoveller – about 25 pair of them in shallow water in a pasture. Few extra males.
Turkey Vulture – one circled leisurely over the oak-fir ridge west of the swamp.
Marsh Hawk – a single male over fields near the swamp. Alit on the ground several times and just sat there, so far as we could tell.
Sparrow Hawks – quite a few seen. Most in clean plumage, but one shaggy. Also saw one carrying what looked like a mouse, up in the oak belt, on the hill.
Ruffed Grouse – flushed from thicket in small swale in the oak-fir woods.
Ring-necked Pheasants – several hens and a few cocks seen.
Killdeer – about 2 were seen between Corvallis and the swamp.
Wilson Snipe – flushed 3 from flooded fields near the swamp.
Long-eared Owl – We decided to track down the owl flushed 2 weeks ago. We located an old oak snag about 2 feet in diameter, and found an open "niche" or recess about 15' up that had fresh pieces of grass stems, fern, etc., worked into a semblance of a nest. No bird, or eggs were found. They should lay later.
(Rufous Hummingbird) reported by Dave Marshall at Portland on March 8, 1947).
Flicker – a few seen on the road up through the oak belt west of the swamp.
Violet-green Swallow – a few about the swamp
Tree Swallows – a good many (20-30) cirling high above the swamp, calling, etc.
Coast Jay – In the fir-oak woods as well as along oak-ash fence rows. Featail call.
Crow – a few were heard
Raven – some were heard, and 3 were seen on the ground near an old barn.

March 12, 1947, [illegible]:

Chestnut-backed Chickadee - in the fir timber west of the swamp - calling.
Red-breasted Nuthatch - in the fir and oak timber west of the swamp. 512
—California Creeper - in the fir grove at Avery Park.
W. Winter Wren - on top of the ridge west of the swamp - singing loud and clear.
TULE WREN — SCOLDING
—Robins - abundant in the fields in small and large flocks.
Varied Thrush - still many in the oak-brush on the ridge west of the swamp.
Pipits - a flock of 35-40 flushed from a field near the swamp.
NW Shrike - flew from a wire line along the main highway. Dark plumage.
Hutton's Vireo - on top of oak-fir ridge - heard them give 3 different calls.
—Audubon's Warbler - just one seen on a wire line.
English Sparrows - around the service station at Bruce
—Meadowlark - seen and heard singing everywhere.
NW Redwings - none at the swamp at 1 p.m, but they started dropping in by [illegible].
—Brewer Blackbirds - plentiful along the hiway, and flocking as we returned.
Calif. Purple Finch - a single male on a wire line by the [illegible].
Towhee - plentiful in the brush near the swamp, and on the oak-fir ridge.
W. Savannah Sparrow - a single flushed along the RR tracks.
Juncos - plentiful in the open, and in the woods and brush.
Song Sparrows - common
White-crowned Sparrow - one immature seen near the Service Sta. at Bruce.

March 12, 1947 - Stewart Lake, and Poison Oak Lake, 12[illegible]- [illegible] p.m.

Mallards - a few pair on the pond.
Green-winged Teal - about 50 of them with the mallards.
Vulture - 4 of them were circling both low and high, moving northward.
Sharp-shinned Hawk - a single one giving chase to, but outmanuvered by Wilson Snipe. Also saw 3 or 4 other snipe earlier.
Audubon Warbler - 50-75 of them feeding by flycatching insects around the lake. 523
Meadowlarks - common and singing everywhere.
Towhee - a few heard and seen.

At POison Oak Lake
Long-tailed Jays common, one preening in the sun, and wouldn't move as we approached.
Golden-crowned Kinglets in the fir.
Purple Finch - one singing from the top of a fir.

March 12, 1947, Corvallis, 410 North 10th, 5[illegible]-6[illegible] p.m.
Rufous Hummingbird - a single one "buzzed" by as I stood watching the birds from the back porch.
Robins - for the first time I noted that 100's of them, in singles or small flocks were flying high, from all directions towards the hills NW.
Ruby-crowned Kinglet - for the first time I heard the very light, and beautiful song of this bird tonight. I was very pleasantly surprised.

March 13, 1947 - Corvallis + S. Cemetery Hill - 2-3³⁰ p.m. Clear + warm. 524

4 -Violet-green Swallows - quite plentiful now, chasing each other thru the sky.
14 W. Evening Grosbeaks - Quite a few calling on the campus this a.m.
1 -Vulture - came in low over the hill + all birds quit singing immediately.
2 -Redtails - watched pair circle each other, fly together, and circle fir tree tops, alighting now + then.
3 -Flicker - giving loud persistent call heard in Spring
5 -L.t. Jay - a few in oaks, sunning - one in "sun pose"
6 Ore. Chickadees - working ash-oak thickets.
7 Slender-bill Nuthatch - a [illegible] male + [illegible] searching hole in oak tree trunk "nubbin", Male calling + hanging around close, peering in now and then, while I entered hole to look around. Stay about 2 min. at a time. Male kept calling and when I moved it, flew away giving 3 alarm notes. [illegible] look out + then flew giving same notes.
8 Seattle Wren
9 Winter Wren - singing
10 Robin
1. Varied thrush - 3 in oak belt
12 R.c. Kinglet - singing from small ash along the Mary's R. Beautiful song.
13 Audubon Warbler
15-16 Towhee + Junco
17 Vesper Sparrow - 1st of year
18 Song Sp.

March 19, 1947, 12-mile Swamp. By Dave Marshall and Tom McAllister.

Canada Geese ssp? - about 1000 seen
Mallard - an estimated 200
Gadwall - 3 females and 4 males
Pintail - an estimated 350
Green-winged Teal - 25 individuals
Shoveller - about 40 males, but only 5 females
Turkey Vulture -
Marsh Hawk
Sparrow Hawk
Wilson's Snipe - we split and walked across about two acres of wet field, flushing a total of 61 of these birds.
Greater Yellow legs - 9 of them
W. Belted Kingfisher
Tree Swallows - many
Violet-green Swallows - many
Tule Wren
Robin
Redwings
Oregon Towhee
Song Sparrows

March 20, 1947, Pacific~~i~~ Yellow-throat heard

March 15, 1947 - Davis Jct. to Sacramento, California 0615-0715 PST.

Pied-billed Grebe
California Heron
Common Canada Geese
Sparrow Hawk
Coots
Long-tailed Jay
Violet-green Swallows
English Sparrow
Brewer Blackbird
California Purple Finches - common and singing.

526

March 15, 1947 - Sacramento - Stockton - 0730--830 PST.

American Egrets - few in the irrigated fields.
Mallards
Coot
Killdeer
Cabani's (Hairy) Woodpecker
Long-tailed Jay
Yellow-billed Magpie, saw 2, and old nests.
Western Crow
Tree Swallow
Cliff Swallows
Robins
Pipits
English Sparrow
Meadowlarks
Bicolor Redwing -along irrigation ditch.
Brewer Blackbirds
Calif. Purple Finches- common.
Oregon Vesper Sparrows
Chipping Sparrows - Song Sparrows.

527

Stockton - Modesto - 0845-0930 PST March 15, 1947

Sharp-shinned Hawk
Sparrow Hawk
Killdeer
W. Crow
California Mockingbirds
Robins
Pipits
English Sparrows
Meadowlarks
Bicolor Redwings
Brewer Blackbirds

528

Modesto-Fresno - 1045-1215 PST March 15, 1947

Sharp-shinned Hawk
Sparrow Hawk is common
Western Kingbird
Say's Phoebe
Bank Swallow
Cliff Swallow
California Mockingbirds
Robins
California Shrikes
English Sparrow
Bicolor Redwing
Brewer Blackbirds.

529

March 16, 1947, Bakersfield, California, 7-8 a.m.

Violet-green Swallows singing
Calif. Mockingbird - singing and sang all nite.
Calif. Purple Finch - plenty singing from the threes.
American Goldfinches

530

March 16, 1947 - Bakersfield to Clear Creek Station on U.S. 466, east - 1030-1115.

Vulture - Buteo hawk - Ravens - Bicolor Redwings

531

March 16, 1947 - Clear Creek Summit, on U.S. 466,, 3500' elev. 30 miles east of Bakersfield, 1115 - 1130 PST. Pine-Oak- and dense bush clumps. with rock (granite) outcrops

Vultures
Buteo hawk
Flycatcher sp.
Long-tail Jay
Pinon Jay - just 3.
Raven - 2
Brown Towhee ~~sspt~~, Sacramento
Calif. Woodpeckers - 5, chattering and chasing each other.
Lead-colored Bush Tits - working willow and Pine
W. Mockingbird.
Song Sparrow.

March 16, 1947 - Keene-Tehachapi, on U.S. 466, 1130-1150 PST. East of summit of the Tehachapi Mtn.s Juniper and sage come in. Granite with quartz veins.

Coots in a marsh - Ravens east of the summit. 532

March 16, 1947 - Monolith to Mojave 1155-1300 PST.

Coots on marsh along with
Florida Gallinules - wading in shallow water not too far from the hiway.

March 16, 1947 - Mojave to Barstow, 1330 - 1800 PST. 533
Owl sp.
Horned Larks seen occasionally along the way.
Ravens here and there.

March 17, 1947, Parker, Arizona - 0800-0930 MST

Say's Phoebes - calling each other earlier in the a.m. 534
English Sparrows in town.
Brown-headed Cowbirds (Dwarf) *Molothrus ater obscurus*, A few with the Brewer Blackbirds

1830-1900 MST at Parker, Ariz.
Say's Phoebe
W. Mockingbird - one on wire pole near Monson's.
Brewer's Blackbirds - large flocks heading SW.

March 17, 1947 - Colorado River, Indian Reservation Agency, SW of Parker, Ariz. 1015-1030 MST 535

4 Vultures
Sparrow Hawk along the irrigation ditch
Coot
Rough-winged Swallows
2 Ravens

2 Audubon Warblers in Pepper trees.
Lincoln Sparrows - 2 near ranchhouse
Gambell's Sparrows - common near the buildings.
2 Oregon Juncos.

March 17, 1947, Earp to Vidal Junction, California, 1040-1110MST.

Red-tail Hawks - bright white below. 536
Hummingbird, Costa -
Phainopepla - M & F (brown-gray). Both crested and with white windows in wings.
4 Loggerhead Shrikes.

March 17, 1947, Needles Landing Junction to Needles Landing/California. - 1200-1240 MST.

Vultures
2 Ravens
2 Rock Wrens

Loggerhead Shrike 537
Desert Sparrows - 6 or more.

March 17, 1947, Needles Landing, Havasu Lake, California 1240-1500 MST

Double-crested Cormorants
Red-breasted Merganser male at edge of small bay.
3 Coots
Wilson Snipe
Killdeer
15 Least Sandpipers
Costa Hummingbird - male
Black Phoebe - M glossy, F sooty.
Rough-winged Swallows
Ravens 2 & 2

Rock Wren heard 538
Plumbeous Gnatcatchers - several
Pipits - on flats at edge of lake
Loggerhead Shrike
2 Audubon Warblers - have a very pale blue tinge.
Nevada Savannah Sparrows - pair
Gambell's Sparrows - 9

March 17, 1947, Needles Landing to Parker Dam, Calif. (via High line road over the Whipple Mtns.). 1500-1725 MST. 539

5 Vultures circling over the rimrock
Redtail Hawk - very light below
Gambel's Quail - 14 in wash with
    Tamarask and Palo Verde
Costa Hummingbirds
Say's Phoebe
Ash-throated Flycatcher - 2
W. Mockingbird
Robin
Chestnut-backed Bluebirds
Loggerhead Shrike
House Finches - 4 & 1 singing - they feed
    a lot on Indian Wheat -Plantago ignota
Savannah Sparrows, Nevada
Desert Sparrows

March 17, 1947, Parker Dam to Crossroads, California, 1730-1745 MST 540

6 Redheads on the river
6 Vultures
33 Coots on the river
5 Mourning Doves
Costa Hummingbirds
Rough-winged Swallows
W. Mockingbirds
Robins
18 Phainopeplas
Loggerhead Shrikes

March 17, 1947 - Crossroad to Earp, San Berdu Co, Calif. 1745-1755 MST.

5 Coots Red-shafted Flicker Rough-winged Swallow Phainopeplas - 8
Gambell Sparrows.

March 18, 1947, Earp to Parker Dam, Calif., 0730-0800 and 1600-1700 MST 541

Green-winged Teal
Redheads on the river
Redtail Hawk
Sparrow Hawks
Gambel Quail
Coots on the river
Killdeer
Mourning Doves
Rough-winged Swallows
Verdin singing
Robin
Phainopeplas
Lucy Warbler heard
House Finches common
Gambel Sparrows common

March 18, 1947, Parker Dam, Havasu Lake from the Dam to the head of the Bill Williams Arm, Arizona, 0900-0930 MST, and 0330-0430. 542

2 Western Grebes
12-15 Double-crested Cormorants
Blue Heron
American Egret
Redhead ducks
3 Lesser Scaups - 1 M and 2 F
35 Coots
Ring-billed Gulls
Rough-winged Swallows common

March 18, 1947, Bill Williams River Delta - Mojave-Yuma Cos., Havasu Lake, Parker Dam, Arizona, 0900-1600 MST. Clear and very warm.

White Pelicans - 10
Double-crested Cormorants
Treganza Blue Heron - several in marsh and on rocky slope overlooking the delta
American Egrets - in deltas and on rocky slopes of canyon. Quite a contrast.
Mallards - 3 pair.
Gadwalls - paired up 24 or more.
Baldpates - 8
Pintail 6
Green-winged Teal - 77
Cinnamon Teal - 9
Shoveller - 17
Lesser Scaup - 1 male in a small slough.
American Merganser - 1 M in flight
Turkey Vulture - 4
Sharp-shinned Hawk - 1
Zone-tailed Hawk - Buteo albonotatus - 1 seen. Not a foraging hawk, but seems to stay put in trees a great deal of the time. Average arrival date. Old nest in dead cottonwood at about 40'. Thin nest. Call or scream thin and whining whistle. Did quite a bit of soaring when we flushed it. Up to 500' high. The bill gleams at a distance. Nearly black. Tail bands show well. Could be confused with a vulture if you couldn't see the tail. Further notes by Gale M. in 1947-8.
Duck Hawk - 1 soaring high off the towering buttes on the south side (Yuma Co.).
Gambel's Quail - seemed to be small flocks at many points along the canyon. Gave one "Valley Quail call" and one of their own.
Virginia Rail - 1 heard when a 410 shotgun was fired.
Coots - 2
Killdeer - a few pair on the mud flats.
Wilson Snipe - several singles and one group of 4 on mud flats and along small branches of the river.
Spotted Sandpiper - 1 flushed with the Least Sandpipers.
Least Sandpipers - 25 or more.
Avocet - 2 - watched for a long while. Very clearly colored.
Black-chinned Hummingbirds - several seen. 1 old nest found at 4 feet in thorny bush. May have been a Costa nest. These seem to be in heavier vegetation and more moist areas with tall mesquite in canyon while Costa is out in the drier open areas in plateaus and dry washes. A good problem to answer for no Costas were seen in the canyon. The Black-chinned feeds on many plants-chiefly the bud of the Creosote bush now.
Kingfisher - 1 heard.
Red-shafted Flicker - several heard and seen.
Mearn's Gilded Flicker - a couple heard, but Gale Monson isn't sure.
Gila Woodpecker - quite common in the canyon on the ground as well as in willow and Populus. Very noisy with a varied assortment of notes. Quite tame.
Ladder-backed Woodpecker - 4 (2M and 2F). Quite bright crown on male. This bird has typical Dryobates habits, flight, and notes.
Ash-throated Flycatcher - 2 or 3 different voice calls. Heard everywhere. 15-20 were seen. They are quite tame, and one can approach within 8 or 10 feet.
Black Phoebe - 5 seen. Feeding from limbs of fallen snags. 10 feet from us. Markings were clear. I did not see any perched very much above the ground.
Say's Phoebe - several seen around the edge of the canyon, and along the canyon walls
Vermilion Flycatcher - A rare treat to me ! Every bit as beautiful as it is supposed to be ! Darkish line from the bill separates the brilliant head crown color from only slightly duller red on the body. Black wings. Male along in the morning, but streaked female was seen in the afternoon (pinkish on the sides). Male gave call notes clearly. Fed from snag perches. Dropped to the muddy ground several times to feed. Remain less than a minute.

March 18th, Bill Williams Canon continued:

Violet-green Swallow - few were seen.
Rough-winged Swallows - many seen all day except possibly at the noon period.
Woodhouse Jay - just one was heard calling (by Gale Monson).
Raven - 2 flew over low.
Verdin - Many old nests were found. Many birds calling with 2-3 different calls all day. Had good look at a few of them. Yellow showed well on head. Chestnut on shoulder. Their call notes mixed me up as much as the Hutton's Vireo here in the Willamette Valley.
House Wren - few seen and heard.
Baird's (Bewick) Wren - a few in the brush.
Cactus Wren - 1 seen and heard - an awful buzzing and gargling note.
Marsh Wren - 2 or 3 seen. 1 in brush clump on mud flats.
W. Mockingbird - a few were singing - sound like Yellow-breasted Chat.
Sage Thrasher - calls like a Long-tailed Chat, too. Had only a brief glimpse.
Robin - a couple
Plumbeous Gnatcatcher - several singing and seen working in brush. 1 pair were attempting mating, while I watched.
Ruby-crowned Kinglet - several seen and heard.
Pipits - 25 seen on the flats
Phainopepla - M & F seen frequently. Call notes plain. Perched in tops of trees usually. Both hang close together. Watched them feeding primarily on mistletoe (Phor. californicum) berries which are abundant now, and seemingly all thru the year.
Bell's Vireo - 7 seen and heard. A rather low melodious serious note. Faint wing bars, and a light eye-ring.
Lucy Warbler - 8 seen and heard. White below. Orange on crown and rump. A loud clear call from the brush.
Audubon Warblers - quite a few
Pileolated Warbler - one male seen and heard. This is the 1st arrival for the year in this area.
Sonora Redwing - quite a few seen - more males than females.
Common Dwarf Cowbird - 1 on snag near the ground in the mud flat area.
House Finch - quite a few seen.
Common Goldfinch - 1 male
Abert's Towhee - a couple of small groups in the brush. Quite a variety of calls were given, and they were hard to see. Reminded me of the C. Babblers in India
Nevada Savannah Sparrows - 6 or more.
Gambell Sparrow - 3 or more.
Song Sparrows - 6.

Parker, Arizona, March 19, 1947, 0730 MST
Mourning Doves, 11 Cowbirds 30 Brewer Blackbirds.

Earp to Parker Dam, California, March 19, 1947, 0730-0800 MST.

Coots - 30&
Costa Hummingbird - 1
Red-shafted Flicker - 1
Gila Woodpecker - 2
Rough-winged Swallows - many
Verdin - 2
Phainopeplas - 28-33(p.m.).
Shrike - 1
Lucy Warbler heard
House Finches - (2 pair).

March 19, 1947, Havasu Lake, Parker Dam to Topock Arizona, 0800-2045 MST.
By Chris Craft Cruiser.

W. Grebes - several seen
Pied-billed Grebe - a few seen
D. Crested Cormorants - scattered in small groups over the lake during the day, and bunched in certain trees at nite. Many "sun-posing" at noontime.
Blue Heron - many seen along the way.
American Egret - 15-20 seen today.
Black-crown Night Heron - 1 flushed near Mojave Rock at 1540 MST
American Bittern - 1 flushed
Canada Geese - 2 found
Mallards - 2 to 4 seen
Baldpates - several M & F
Gadwalls - 20-25 seen altogether.
Shoveller - 1 female
Redheads - 20-25 seen. Fewer males: 1:3, and 3:7, etc.
Lesser Scaup - 7 all day.
Hooded Merganser female
American Merganser male
Red-breasted Merganser - 2 females
Turkey Vulture - many soaring. 1 feeding on dead carp on gravel bank.
Duck Hawk - soaring over rocky cliffs near the lake.
Marsh Hawk - 2 at Topock marsh.
COOTS — MANY
Killdeer, a few pair
Spotted Sandpiper - 3 along the shores.
Greater Yellowlegs - 4 were seen. (2 pair at different times).
Ring-billed Gull - 3 seen
Mourning Doves - 2 seen.
Western Horned Owl (Bufo virginianus pallescens) - 2 flushed from a bluff below Blankenship bend. May have nesting site on this bluff wall.
White-throated Swift - few soaring around the peaks by the lake.
Costa Hummingbird - cotton from mattress being used in constructing the nest at the water guage station below Topock.
Belted Kingfisher - 1 perched on 4' snag in the sun.
Red-shafted Flicker
Ladder-back Woodpecker - 1 at Topock
Say's Phoebe - one hanging on cliff side.
Rough-wing Swallows - many seen near the dam.
Tree Swallows - 15-20 at bend above Needles Landing.
Raven - 2 on cliff below Mojave Rock.
Pipits - a few flew over.
Phainopeplas - 4 seen in Arrowweed along bays and coves.
Loggerhead Shrike - 1
Audubon Warblers - few at Topock
Pileolated Warbler - 2 seen above Needles Landing.
House Finch - 2 pair seen.
Nevada Savannah Sparrows -
Lincoln Sparrow - in brush at creek's edge, close to lake. Rocky soil.
Song Sparrows - at Topock.

March 20, 1947, Colorado R. Indian Reservation, Parker to Duck Slough, 12 miles WSE of Parker, Ariz. 0835-0915, and 1030-1110 MST, Arizona.

546

Blue Heron - 2 with nests in tall cottonwoods - used nest lastyear.
Common Egret - 2
Sparrow Hawks - 5
Red tail Hawk - 1 perched near new nest in tall, dead cottonwood.
Vulture - 9
Gambell Quail - 4 at edge of arrowweed in dirt field.
Killdeer - 45)
Wilson Snipe - 18)all in one small irrigated pasture by the hiway.
Least Sandpiper s - 4)
Mourning Dove - 7 and 200& in one field with Redwings, Brewer's, etc.
Costa Hummingbird - on wire line.
Red-shafted Flicker - 2
Gila Woodpecker - 2
Say's Phoebe - 3 - most on wire lines along the road.
Ash-throated Flycatcher - 4
Vermillion Flycatcher - 1 male on top of mesquite and sallying forth.
Raven - (2 pair).
House Wren - 1 scolding.
Verdin - 1 on wire line.
W. Mockingbird - 4 - gave varied songs.
Sage Thrasher - 2 in top of Screwbean. Curved bill, short. Gray-brown and streaked below.
Roadrunner - 2 crossing road, slowly, pausing at edge. 1st one seen was on a fence post and did not fly for a moment. Glided to the ground, ran, and flew to telephone pole crossarm at 20 feet height. Opened its bill and gave its "rattle" notes. Crest flexed now and then. White and red patched on head behind eye plainly seen. Whole body streaked brown. Tail dark brown or black. It was very obliging, and did not fly when we squeaked, whistled, waved, or pounded on the car, nor until Gale got within 8 or 10 feet of the pole ! !
Phainopeplas - 44 seen, usually M & F near each other. None seen until in area where Phoradendron californicum Nutt. was found.
Loggerhead Shrikes - 1's and 2's on wire lines- 5.
W. Meadowlarks
Sonoran Redwings
Brewer Blackbirds - 3 & 30&
Common Dwarf Cowbird - 7
Abert Towhees - 1 - 2 - 1 heard - 1- 3-2
Gambell Sparrows - 1 - 3.

March 20, 1947, Colorado R. Indian Reservation Duck Slough, 12 mi WSW of Parker Arizona (near the River). 0915-1030 MST.

547

Double-crested Cormorant - 2
Blue Herons - several
Gadwalls - about 30 M & F on the slough
Baldpates - 2 M and 3 F.
Green-wing Teal - 75-100 present. M & F. Males are beauties now.
Cinnamon Teal - over 50 M and F present. Males are strikingly colored.
Lesser Scaup - 1 female
Redtail Hawk - soaring with Harris Hawk
Turkey Vulture - circled low over us.
Harris Hawk - Watched one perched in tree. Flushed as we approached and circled up to nearly 2000' and then another, the mate, before not seen, took off and circled up the same "cylinder" but not quite so high, and took off after the 1st hawk, to the north, and then, out of nowhere, came a 3rd one high and followed the other two. Field markings were visible up to a ½ mile away, at least. The bird is generally a sooty black color with a white-tip tail, and a wide white band at the base of the tail, above and below. A coppery tint showed on the upper and reddish brown on the lower surface of the wings. Tips deeply fingered, and wings had a rather "shaggy" appearance.

March 20th, Colo. R. IndianReserv. Duck Slough continued:

Gambel Quail - a few here and there.
Coots
Killdeer - 10 to 15 around the edges.
Wilson Snipe - 15-20
Least Sandpipers - 30-35
Dowitcher - about 12 were seen. Gave single "tweet" notes.
Mourning Doves - plentiful - cooing everywhere, and feeding on the ground.
Gila Woodpecker - 3 or 4 seen
Ladder-backed Woodpecker - 1 seen.
Ash-throated Flycatcher - a few in the mesquite area.
Black Phoebe - acouple seen.
Vermillion Flycatcher - 4 pair were seen. Females brownish with pink salmon on the sides. Males brilliant, younger ones not as much developed. Male can fly regularly, or in its singing flight it can use a "butterfly" hovering type of flight that is quite distinctive.
Rough-winged Swallow - 1
House Wren - one seen and heard
Verdin
Ruby-crowned Kinglet - 2 in mesquite brush
Phainopeplas - quite a few in the area.
Bell Vireo - one heard singing
Audubon Warbler - a couple in the mesquite.
Lucy Warbler - seen and heard - a few.
Pacific Yellowthroat - 1 male seen - the first for the year.in this area.
Sonora Redwings
Song Sparrows.

March 20, 1947, Cienega Springs, 5 miles NE of Parker, Arizona, 1455-1710 MST.

Vulture - 2 over rim-rock
Sharp-shinned Hawk - 1 seen
Gambell Quail - several small flocks of 3-6 in this area.
Mourning Doves - many pairs in the area. Cooing continually
Red-shafted Flicker - 2
Gila Woodpecker - 2
Red-naped Sapsucker - Winter resident. Feeding on dates of the date palm. Hung on line pole, motionless for at least 5 minutes.
Ladder-backed Woodpecker - 1 male. Nest in Palo Verde stub in a live thicket.
Say's Phoebe - one on rocky, open area, near mesquite.
Rough-winged Swallow - 8-10 in the area.
Verdin - several heard and seen in the area. One nest in mesquite at 6' on the SE side. Entrance hole on underside of nest. Nest of dry grass stems. Lined with many types of feathers (one a Gambel Quail chest feather). One was seen feeding on dates, or the insects around the date clusters.
Cactus Wrens - 3 heard in the area.
W. Mockingbird - a few heard and seen.
Robin - 2 in the area. Mesquite and palm habitat.
Plumbeous Gnatcatcher - 8 or 10 seen. Male and female about equal.
Phainopeplas - M & Females together. About 25 pairs seen at the ranch. Flushed one F off a nest located in an Ironwood, at 8 feet height, on a horizontal limb on the NE side. There were 2 young in the nest. Each $2\frac{1}{2}$" long. Tail and flight feathers just breaking out of "pins" and developing. Skin black. Eyes reddish-brown. Bill dark with pale yellow gape. Age between 10 days and 2 weeks. Handled young out of nest while measuring them, and parents kept over 20 feet away and made continual annoyed chirps while we were there.

The nest was of short pieces of dry grass stems held together by cottony plant fibers. It was lined with pieces of string, cotton, etc., and outside had Ironwood leaves on it. A very compact and well-made nest. Outside diameter was $3\frac{1}{2}$". Inside dia. was $2\frac{1}{4}$"; depth at center - 1 3/4".

Excreta of the young birds contained just mistletoe berry remains.

March 20, Cienega Springs, Arizona continued:

548

Lucy Warbler - a few heard and seen.
House Finch - Many pairs. Beautiful and continual singing.
Abert Towhee - 10-15 were seen in the brush areas.
Sage Sparrows - 1 seen on the ground and in 8' bush. Grayish, with eye-ring. Spot on breast. Very little black on the throat mark. A very shy bird. Fed principally on the ground.
Gambell Sparrow - a few in the brush areas.

March 20, 1947, Cienega Springs to Parker, Arizona. 1645-1715 MST

549

Vultures - 3
Coots - over 200 on the river above Head Gate Rock Dam
Black Phoebe - 1 male
Say's Phoebe - 1
Rough-wing Swallows - 25-30 over the river.
Phainopeplas - a few pair (total for all day): 67.
Audubon Warbler - 1 in irrigated pasture.
Nevada Savannah Sparrow - 2 in irrigated pasture.
Song Sparrows.

March 21, 1947, Parker to Bouse, Arizona 0755-0830; 1200-1230 MST.

550

Vulture - 1
Sparrow Hawk - 1
Gambel Quail - 6
Mourning Dove - 3
Say's Phoebe - 2
Horned Larks - 3
Raven - 2
Mockingbirds - 2
Phainopeplas - 9
Shrikes - 5.

March 21, 1947, Bouse to the Summit of Quartzville Road in Plomosa Mtns 11 mi. SW. 0830-0855; 1130-1200 MST.

551

Vulture
Costa Hummingbird - 1
Ladder-back Woodpecker - 1
Ash-throated Flycatcher - 2
Mockingbird - 5
Le Conte's Thrasher - (*Toxostoma l. lecontei*). Nest just being build in a *Lycium andersoni* at 3' height on the south side, with Palo Verde adjacent on the north. Nest construction about completed on ½ of the body of the nest. There is no lining in it yet. Both birds were pale brown and smaller than the Crissal Thrasher. Very, very shy, but even so, the nest was within 5 feet of the State Hiway Route 95 !
Phainopeplas - 15 - common
W. Warbling Vireo - 1st of the year. Very tame in bush beside the road.
House Finch - quite a few seen and heard.
Brewer's Sparrow - (*Spizella b. breweri*). one in a wash. Rather a non-descript, grayish plumage to this bird. Not very wild, and we had several satisfactory looks at it.

March 21, 1947, N. Foothills of Plomosa Mtns. 9 mi. SW of Bouse, 0905-1115 MST.

Sparrow Hawk - 1 male - lit on side of Sahuaro Cactus, at a neat hole.
Gambell Quail - 3 seen.
Black-chinned Hummingbird - 1 seen.
Costa Hummingbird - 2 - one giving flight song.
Mearn's Gilded Flicker (Colaptes chrysoides mearnsi) - 2 pair seen in Ironwood and Sahuaro cactus.
Gila Woodpecker
Ladderback Woodpecker - 1 male
Ash-throated Flycatcher - 25-30 in the area. Calling varied notes. Watched two courting, and flying to a hole in a Sahuaro.
Verdin - several heard. Various call notes still fool me !
House Wren - one in dry wash.
Rock Wren - just 1 seen for a moment.
Cactus Wren - deep gutteral warble from the top of a sahuaro cactus.
Mockingbirds - 10-12 singing in the area.
LeConte's Thrasher - 2 seen for a short time on Ocotillo. No nest found. In a wash.
Crissal Thrasher (Toxostoma dorsale dorsale). Flushed a pair of them. Larger and darker than the LeContes, but with curved bill. Found nest at 4½ feet on the west half side of Lycium andersoni (as the LeConte's nest along the road). Adjacent to the west was a large Palo Verde, as with the Leconte's too. Nest of small dry twigs and fibers. Lining of grass pulp, etc. Inside dia. 4½"; inside depth 2¼"; outside diameter 7" to 8", and quite bulky. Two young were in the nest. 2¼" to 2½" long. Skin black. Downy plumes gray. No pin feathers yet. Gape white; Bill and legs blue-black. Eyes still shut. 4-5 days old, I'd guess. No dirt in nest. Parents came to the nest when we left it, and were fairly close all the time. A record for Arizona !
Sage Thrasher - 1 pair with female Phainopepla in top of Ironwood tree.
Plumbeous Gnatchatcher - several seen and more heard, along wash areas.
Phainopeplas
Desert Sparrows - 15-20. Head and neck pattern beautiful. A beautiful, light, lilting song, too.
Gambel Sparrow - several
Lincoln's Sparrow - 1 seen.

March 21, 1947, Earp to Vidal Jct. California, 1600-1625MST.
Say's Phoebe , Shrikes, 3 Ravens, Sparrow Hawk

March 21, 1947, Vidal Jct to Rice 1625-1645 MST .
1 Say's Phoebe 7 Shrikes

March 21, 1947, Rice - Riverside Col Line 1645-1710 MST.
6 Horned Larks , 15 Desert Sparrows 2 Shrikes

March 21, 1947, Riverside Co Line to Desert Center, 1710-1758MST.
1 Prairie Falcon on telephone pole. Nice view of it beside the hiway.
8 Vultures in Ironwood NE of Desert Center.
3 Shrikes, too.

Havasu Lake Refuge, [illegible]

Resume' - October, 1947

Weather Conditions. Unseasonably hot weather continued into early October (104° F. at Parker Dam on the 4th), ending temporarily with a rain-and-wind storm on the 11th and 12th. Most of the remainder of the month was delightful, with clear, warm days and fine cool nights. The temperature reached 100° at Parker Dam on the 19th.

Phenological Data. Havasu Lake levels varied from 448.10 on the 5th to 446.63 on the 17th (top level, 450.00). Senecio in bloom in Bill Williams Delta on 13th. Pluchea camphorata and Baccharis sp. still in heavy bloom above Topock on 21st. Chrysothamnus paniculatus in full bloom at Chemehuevis Wash north of Vidal Junction on 25th.

Highlights of Bird Records.- 1 Common Loon seen on 2nd, 2 on 6th, all on Havasu Lake. Eared Grebes quite common; more than 400 seen in Bill Williams arm of Havasu Lake on 23rd. Least Grebe again observed at Headgate Rock Dam: 1 each on 8th and 9th.

Migrating flock of 48 Snowy Egrets seen above Topock on 28th. Very few Black-crowned Night Herons noted. 1 American Bittern seen near Beal on 2nd, another on Havasu Lake (across from Pittsburg Point) on the 8th. Last Wood Ibis, 1 in Bill Williams Delta on the 13th. Last White-faced Glossy Ibis, 1 above Topock on the 15th.

First Canada Goose, 1 above Topock on 12th; a few (less than 100) seen later in month. The good flight of White-fronted Geese continued, the last noted being 2 above Topock on 11th. 5 Lesser Snow Geese were seen about 1½ miles below Topock on 6th; 1 above Topock on 26th. General Duck population about the same as last year. Last Cinnamon Teal, 2 at Beal Lake on 25th. First Ring-necked Ducks, 5 on Havasu Lake on 6th. First Lesser Scaup Ducks, 7 in Bill Williams arm of Havasu Lake on 23rd. First Bufflehead, 1 at Beal Lake on 25th. First Red-breasted Merganser, 1 on Havasu Lake on 30th.

Apparently no wintering Osprey; last seen, 1 at Havasu Lake on 8th. 1 Duck Hawk in Bill Williams Delta on 13th. 1 Prairie Falcon above Topock on 15th. 1 Pigeon Hawk above Topock on 12th, 1 at Parker on 21st.

Coot population somewhat in excess of last year's, with about 3,000 at Beal Lake, and at least 4,500 on Havasu Lake.

1 Black-bellied Plover in Bill Williams Delta on 13th. Last Pectoral Sandpiper, 1 in Bill Williams Delta on 13th. No Black-necked Stilts seen during month. Last Northern Phalaropes, 5 in Bill Williams Delta on 13th.

1 Parasitic Jaeger collected in Bill Williams Delta on 13th. 1 Franklin Gull seen on Havasu Lake on 2nd. 2 Bonaparte Gulls seen in Bill Williams arm of Havasu Lake on 23rd. Last Forster Tern, 1 on Havasu Lake on 6th. Last Caspian Terns, 4 at Topock on 1st.

1 Screech Owl heard, Arizona side above Needles, night of 1st.

1 Nighthawk (species?) seen above Topock on 25th.

Havasu Lake [illegible] Calif.

RESUME - November, 1947

__Weather Conditions.__ A rather normal month, somewhat colder than usual. Minor sandstorm on 10th. Whirlwinds in Chemehuevis Valley on 19th. Frost at Topock on 20th. Drizzling rain on the 29th amounting to less than .05" otherwise the month was dry.

__Phenological Data.__ Havasu Lake levels varied from 446.28 on the 30th to 447.97 on the 16th (top level, 450.0). 2 tarantulas seen between Vidal and Needles Landing junctions on 8th. Considerable _Najas marina_ noted in north part of Beal Lake on 9th. Willow leaves at Topock had assumed bright fall colors on 20th; upper parts cattail leaves turning brown. Cottonwoods in full yellow color in Bill Williams Delta on 24th; on same date, about 5 sec ft. of water in Bill Williams River; Tarantula Hawks and Queen butterflies seen.

__Highlights of Bird Records.__ 330 Common Egrets seen in one flock east of Yuma on 5th. Snowy Egrets apparently wintering in Topock and Bill Williams Delta areas; 6 seen above Topock on 8th, 1 in Bill Williams Delta on 24th. The dearth of Black-crowned Night Herons continues.

Canada Geese had not yet reached a maximum of 100 above Topock by the 30th; Snow Geese were not seen. Ducks have not been plentiful, with Gadwalls down 65% from last year's numbers. About 200 Ring-necked and Lesser Scaups were present on lower Havasu Lake. Two Common Golden-eyes were seen on lower Havasu Lake on the 28th. 40 Buffle-heads seen in Bill Williams Arm and Delta on 24th. A Hooded Merganser seen in Bill Williams Delta on 24th. First Common Mergansers, 5 in Bill Williams Arm on 7th.

1 Zone-tailed Hawk seen on Colorado River Reservation on 14th. 1 Golden Eagle seen above Topock on 20th, another a few miles above Parker Dam on 28th.

1 Virginia Rail seen in Bill Williams Delta on 24th. Nearly 8,000 Coot wintering on Havasu Lake; still 2500 present at Beal Lake on 20th, feeding on _Potamogeton_ beds; total Havasu Lake Refuge population is estimated at 12,000 Coots.

1 Red-backed Sandpiper collected in Bill Williams Delta on 24th; 7 Avocets present at same place on same date.

1 Western Gull seen in ParkerDam area on 12th, 24th, and 28th. 1 Bonaparte Gull seen in Bill Williams Arm on 7th, 8 on lower Havasu Lake on 18th, 1 at Parker Dam on 24th.

1 Ground Dove seen on Colorado River Reservation on 27th. 5 Inca Doves seen on Colorado River Reservation on 2nd.

1 Lewis Woodpecker seen on Colorado River Reservation on 11th.

2 Violet-green Swallows seen in Bill Williams Delta on 24th. Almost 2,000 Tree Swallows above Topock on 20th (Beal Lake).

A few Robins noted, on Colorado River Reservation, at Parker Dam, and along river below the Dam. First Mexican Bluebirds, 4 in Bill Williams Delta on 24th. First Mountain Bluebirds, 3 south of Quartzsite on 5th.

20 Yellow-headed Blackbirds seen on Colorado River Reservation on 11th.

Havasu Lake Refuge – [illegible]

RESUME - DECEMBER, 1947

Weather Conditions. Rainfall on 5th brought from ¼" to more than 1" of precipitation, depending on the locality. The balance of the month was dry. Rainfall for the past several months has been well below average, bringing drouth conditions to the area except where heavy summer showers fell. The month was decidedly colder than usual with several frosts, but there were several warm days after Christmas. Heavy snowfall was seen on New York and Hualpai Mountains on 7th.

Phenological Data. Havasu Lake levels varied from 448.43 on 2nd to 448.80 on 21st (top level, 450.0). This is 6" lower than the lake has been for several years. Above Topock levels fluctuated widely, with more variation than I can remember having seen in one month's time; as a whole, however, levels were lower than usual. The new channel east from Beal Lake has continued to widen, and most of the water below Beal Lake is now flowing on the Arizona side. Lower part of most cattails and bulrushes still green at Topock on 3rd, when Eustoma exaltatum was noted still in bloom. Most of the leaves still on willows above Topock on 7th. Winter grains just well-sprouted on Colorado River Indian Reservation on 14th. Cottonwood leaves entirely fallen, willow leaves still on trees in Bill Williams Delta on 20th. General increase in beaver activity over the entire Havasu Lake Refuge.

Highlights of bird records. At least 50 Western Grebes wintering in Bill Williams Arm of Havasu Lake. 2 White Pelicans in Bill Williams Delta on 20th, otherwise apparently not wintering. Snowy Egrets wintering for first (?) time: 1 near Topock on 3rd, 14 above Topock (Goose Lake) on 4th, 2 in Bill Williams Delta on 20th, 1 near Topock on 21st.

1 Whistling Swan seen at Beal Slough on 18th. Canada Geese increased rapidly above Topock during the month, with concentrations at Goose Lake and Beal Slough; estimated 2200 on 21st; numbers dropped somewhat during the waterfowl season which opened the 23rd and lasted into the early part of January. Snow Geese were present most of the month in a solid flock of about 600, which spent its time mostly at Icehouse Bend opposite Needles and in Goose Lake; this flock apparently put in its appearance just before the first of the month.

The average waterfowl population on the refuge was estimated to have increased approximately 20% above last year's numbers. Gadwall, Green-winged Teal, and Shoveller were wintering in fewer numbers, however, especially Gadwall. There was a decided dearth of Redheads and Lesser Scaup Ducks. A few Ring-necked Ducks were wintering on lower Havasu Lake. Buffle-heads were more common than last year above Topock. Both species of Merganser were noted in small numbers. 1 male European Widgeon seen above Topock on 16th, 17th, and 18th.

An American Rough-legged Hawk was seen in the Bill Williams Arm of Havasu Lake on 20th. 2 Golden Eagles are wintering in the area above Topock, centering about Beal Slough and Goose Lake.

Coot population on refuge declined to about 6,000 by 31st apparently due to exhaustion of feed.

There were nearly 500 Least Sandpipers in the Bill Williams Delta on 20th. Avocets were wintering: 1 seen at Topock on 7th, 5 in Bill Williams Delta on 20th. 2 Western Gulls seen above Parker Dam on 9th.

[illegible] -- [illegible], 1947

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

1 Screech Owl (*Otus asio*) seen in Bill Williams Delta on 20th.

1 Violet-green Swallow seen in Bill Williams Delta on 20th.

8 Crows seen on Colorado River Indian Reservation on 14th, with 10 Holarctic Ravens.

3 Bush-tits (*Psaltriparus minimus*) seen by Warren Pulich in Bill Williams Delta on 20th.

1 Hermit Thrush seen in Bill Williams Delta on 20th. One flock of 450 Mountain Bluebirds seen on Colorado River Reservation on 14th. A few Robins and Mexican Bluebirds have been noted.

1 Starling seen at Parker on 22nd, only record this winter.

6 Yellow-headed Blackbirds and 3700 Red-winged Blackbirds seen on Colorado River Reservation on 14th.

A male Cardinal seen at Parker Dam on 9th, first observed in the area for almost a year.

First American Goldfinches, 3 seen on Colorado River Reservation on 14th. Seen on Colorado River Reservation on 14th: 60 Savannah Sparrows, 20 Vesper Sparrows, 19 Brewer Sparrows, 1954 Gambel Sparrows, and 1 Lincoln Sparrow.

Gale Monson
Parker, Arizona
January 23, 1948

1 West Mexican Kingbird (Tyrannus melancholicus) seen at Beal Slough (above Topock) on 1st.

First autumn Horned Larks, 2 at Beal and 2 north of Vidal Junction on 21st.

A straggler Rough-winged Swallow seen at Parker Dam on 23rd. Last Barn Swallow, 1 above Topock on 26th.

1 Sage Thrasher on Colorado River Indian Reservation on 10th.

First Ruby-crowned Kinglet, 1 at Topock on 7th. First Water Pipit, 1 at Needles Landing on 2nd.

1 Cedar Waxwing seen in Bill Williams Delta on 13th, 7 at Beal on 21st. Phainopeplas seen regularly after 6th, but not in numbers until about 15th.

Last Black-throated Gray Warbler, 1 above Topock on 7th.

First migrating Western Meadowlarks, 3 near Needles on 2nd.

First Pine Siskins, 1 at Topock and 1 above Topock on 15th. 5 Vesper Sparrows and 6 Lark Sparrows seen on Colorado River Indian Reservation on 10th. First Juncos were 3 Shufeldt Juncos and 1 Pink-sided Junco in Black Meadow wash in Whipple Mountains on 23rd. 1 Lincoln Sparrow seen at Topock on 29th, probably the last of the season, as it does not seem to winter in this area.

Gale Monson
Parker, Arizona
November 23, 1947

7 California Purple Finches seen at Parker Dam on 26th. Last Pine Siskin, 1 at Parker Dam on 26th. 3 Lawrence Goldfinches seen on Colorado River Reservation on 11th. Last Lark Sparrows, 3 on Colorado River Reservation on 2nd. Sage Sparrows common in most desert areas. Few Juncos noted. 3 Chipping Sparrows seen on Colorado River Reservation on 11th, also 8 Brewer Sparrows.

Gale Monson
Parker, Arizona
January 7, 1948

RESUME' - FEBRUARY, 1948 F. G. E. Jr.

Weather. Continued drought, broken only by light, inconsequential showers on the 5th and 20th. The desert is very dry. The month was also considerably colder than usual, with temperatures in excess of 80° on the 21st and 22nd only. Also, much more wind than usual.

Phenological Data. Havasu Lake levels continued low, varying from 445.17 on the 15th to 446.15 on the 1st. Water levels at Topock, in contrast, continued generally high. The Bill Williams River flowed but slightly. Staminate Cottonwood flowers were out on the Colorado River Indian Reservation on the 7th. First Oenothera brevipes in bloom south of Needles on the 17th. Encelia in general bloom, Argemone in bloom on Havasu Lake near Parker Dam on the 24th. First Spanish Bayonet in bloom in Lobecks Pass on the 25th. Willows in bloom, leafing out; cottonwoods beginning to fruit; tent caterpillars active; Iguion in bloom in Bill Williams Delta on the 27th.

Highlights of Bird Records. Virtually all of the wintering Canada Geese left in two days' time, on the 18th and 19th. The Lesser Snow Geese lingered a little longer, but were last seen (at least 200) on Icehouse Bend on the 25th. Pintail began migrating in small numbers by the 21st. The early Cinnamon Teal records continued--5 at Beal Slough on the 1st, 5 at Beal Slough and 2 near Topock on the 14th, and 11 near Topock on the 26th. There seemed to be a slight influx of Baldpate during the month. The first migrating Lesser Scaup Ducks were 6 in the Bill Williams Arm on the 21st. Most wintering Common Golden-eyes had departed by the end of the month. The last large concentration of Common Mergansers was seen near Needles Landing on the 10th - about 375.

Red-tailed Hawks were common during the month; one was noted on its nest on the west side of Goose Lake on the 28th. Golden Eagles continued to be noted above Topock. A Prairie Falcon was observed killing a Coot just above Needles Landing on the 10th. A Pigeon Hawk was seen at Beal Lake on the 4th.

Coot numbers had dwindled on the Havasu Lake Refuge to about 1,500 - apparently the result of disappearing food, notably Potamogeton and Najas. Compare this to about 12,000 in October!

4 Avocets were seen in the Bill Williams Delta on the 27th, and 2 near Needles Landing on the 29th.

A Long-eared Owl was seen in the Colorado River Indian Reservation on the 7th, my first record for the lower Colorado River.

First White-throated Swifts, 24 near Topock on the 14th. First definitely identified Costa Hummingbirds, 3 in the Bill Williams Delta on the 27th.

First arriving Ash-throated Flycatcher, 1 near Parker Dam on the 20th.

First Violet-green Swallows, 10 near Crossroads and 60 in the Bill Williams Delta on the 27th - First Rough-winged Swallow, 1 at Parker Dam on the 20th. First Cliff Swallows, 3 near Crossroads on the 27th, very early.

At least 6 Crows still present on the Colorado River Indian Reservation on the 7th.

First singing Bewick Wren, 1 at Topock on the 29th.

Wintering influx of Robins and Bluebirds continues. 63 Robins seen at Needles

on the 5th, 38 on Colorado River Indian Reservation on the 7th. 43 Mountain Bluebirds on Colorado River Indian Reservation on the 7th.

21 Cedar Waxwings seen on Colorado River Indian Reservation on the 7th.

1 Starling seen 5 miles south of Needles on the 4th.

One flock of 126 Lawrence Goldfinches seen on Colorado River Indian Reservation on the 7th, feeding on Suaeda. 48 Vesper Sparrows, 43 Sage Sparrows, 225 Chipping Sparrows seen on the Colorado River Indian Reservation on the 7th. First migrating Brewer Sparrow, 1 at Needles Landing on the 29th. First migrating Lincoln Sparrow, 1 along Havasu Lake near Parker Dam on the 24th.

Gale Monson

Gale Monson
Parker, Arizona
March 26, 1948

March 22, 1947, ½ mile NW of Granite Well at N. base of Chuckawalla Mtns.
Near Desert Center. 0700-1030 PST.

554

4 Vultures
Gambell Quail
2 Black-chinned Hummingbirds courting.
Ash-throated Flycatcher
Say's Phoebe
Rock Wren's seen on rocky cliffs
Cactus Wrens - chortling about 9 a.m.
Canon Wren - singing a "bouncing" to high and low notes, slightly plaintive early in a.m.
Phainopeplas - mistletoe - feeding on it.
House Finches - singing.
Desert Sparrows - feeding and some singing from Creosote Bush.

March 22, 1947, Monsen Canyon, near Shaver Summit 1030-1130 PST.
Say's Phoebe
Raven
Cactus Wren
Phainopeplas
House Finches singing
Desert Sparrows.

555

March 22, 1947, Shaver Summit to Mecca, 1130-1400PST.
Say's Phoebe, Verdin, Phainopepla, Shrike

Mecca to Thermal - March 22, 1947, 1400-1415 PST
Vultures, Ash-throated Flycatcher, Verdin, Phainopeplas, Shrike, House Finch

556

March 22, 1947, Thermal to Indio, 1415-1440 PST,
Phainopepla
Shrike - carrying a lizard about 11 inches long.
House Finch
Desert Sparrows -
Gambell Quail - 2 were seen with one chestnut-headed.

March 22, 1947, Indio to 1000 Palm Canyon, 1440-1545 PSt.
Vulture
Sparrow Hawk
Red-tail Hawk
Black Phoebe
Say's Phoebe
Verdin nest with 4 young on NE side of Smoke Tree at 6'.
Road Runner - 1
Phainopepla
Shrike
Green-backed Goldfinch

557

March 22, 1947, South Foothills of Little San Bernardino Mtns, 1630 1830 PST

2 Rock Wrens singing. They have a high buzzy note. Also early the following a.m.
Western Gnatcatchers - black tail, but with gray crown. In creosote and smoketrees.

March 23, 1947, Upper Coachella Valley, 0830-0945 PST
Gambell Quail
3White-throated Swifts
House Finches
Shrike
Hooded Oriole. One male seen in open cactus country in the Devil's Garden

558

March 23, 1947, San Bernardino Co. Line-Yucca Valley, 0945-1015 PST.
Red-shafted Flcier
Shrike
Desert Sparrow.

559

March 23, 1947, Joshue Tree National Monument, 5000' elev. southeast of Warrens Well, 1030-1300 PST.

5(a)

Turkey Vultures
Red-tail Hawk - soaring over rimrock.
Plumed Quail - heard and flushed several. They were all over the valley and rocky hillsides where we camped.
Stellar Jays - quite common Blue-fronted ssp.
Pinon Jay - a small flock was seen, in Pinon pine, naturally ! Quite noisy.
California Jay - a few in the area.
Cactus Wren - chortling.
Rock Wren - singing.
Lead-colored Bush Tits - flocks working thru the Juniper.
Plain Titmouse (San Diego ssp.) - singing from low Juniper brush. Hard to see.
Ruby-crowned Kinglets.
California Thrasher (Toxostoma redivivum redivivum) long bill, curved, and I was first attracted to it by continuous mockingbird-like songs coming from somewhere - I finally located it partially hidden in the top of a Pinon Pine. Later one sang within 50 feet of us where we were getting breakfast !
House Finch
San Diego Towhee - saw one male. Same notes as our own ssp.
Desert Sparrow - 12-15 in Joshua-Yucca valley.

March 23, 1947, Joshua Tree Nat. Mon, 5000', 1500-1630 PST.
3 White-throated Swifts.
Ladder-back Woodpecker
Bewick Wren - Baird's Wren -
Robin
House Finch
Turkey Vulture - a flock of about 45 circling over the mountains NE of camp.

March 24, 1947, Joshue Tree Nat. Mon. 5000', 0530-0900 PST.

Vultures circling in groups of 35-45 from 0645 to 0800, and all move off together, flapping their wings.
Mtn. Quail - giving their singular notes before sun-up this a.m. I'd estimate 15 scattered around this small valley.
Flicker heard.
California Jay s seen and heard.
Cactus Wren - chortling.
Plain Titmouse (San Diegan) singing at 0615 this a.m., very near camp.
California Thrasher - song similar to a mockingbird. Close to camp at breakfastime.

March 24, 1947, Joshua Tree Nat. Mon, descending northward in elevation. 0900-0930

Sparrow Hawk - 1 seen.
Mtn. Quail - flushed a pair from the road.
California Jays - many present, in small flocks.
Sage Thrashers - 2 in a juniper . Had an excellent view of them.
Shrike on a Joshua tree.
Scott's Oriole - one seen atop a small Joshua within ½ mile of the main hiway. Had an excellent view of its yellowish and black plumage and Dr. Edmund C. Jaeger verified the identify.
House Finches present
Gambel Sparrows - 15-20 flushed along the road.

March 24, 1947, Lower Morongo Dry Canyon, 1 mi. S of Riverside-San Berdu County Line on road from Devil's Garden to 29 Palms. , 1000 PST. 562

Phoradendron californicum present on mesquite and here too was a pair of Phainopeplas. I found a nest at 4½ feet in mesquite on the NW side of the bush on a horizontal limb, with another horizontal limb over it.

I flushed the female off the nest and found 2 eggs, light blue-gray and heavily spotted (lighter toward the poles) with purple-brown (almost forming a band), fine spots. Egg size about ½" x 3/4".

The nest lining of fine plant fibers and cottony material. Outside of dry grass stems. Inside diameter 2¼", depth 1¼". The parent birds stayed nearby and returned to the nest within one minute after we left

Also saw Spotted Towhee, San Diego,   and House Finches.

March 24, 1947, Riverside California, Noon, and 1630-1645. 563
Mockingbird on the sidewalk this noon, in the residential district.
Sparrow Hawk
Western Gnatcatcher
W. Mockingbird
Meadowlark
Brewer Blackbird
San Diego Towhee
Gambel Sparrow.

March 24, 1947, Loma Linda California , 1200-1340 PST.
Flicker
California Jays
Robin
Cedar Waxwings
Brewer Blackbirds
House Finch
Brown Towhee, California
Gambel Sparrow
San Diego Song Sparrow

March 25, 1947, Manteca to Tracy, Calif. 0708 to 0725 PST.
American Egret
W. Mockingbird
Loggerhead Shrike
Redwing, Bicolored
Brewer Blackbirds
House Finch
Gambel Sparrow.

March 25, 1947, Tracy to Livermore, Calif. 0800-0820 PST 564

Sparrow Hawk
Killdeer
Burrowing Owl on open hillside
Flicker
Meadowlark
Bicolor Redwing
Brewer Blackbird
Oregon Vesper Sparrow
Lincoln Sparrow

March 25, 1947, Livermore to Oakland, Calif., 0820-0900 PST.
American Egret
Sparrow Hawk
Lewis Woodpecker in oaks
Loggerhead Shrike
W. Meadowlark
Bicolor Redwing
Brewer Blackbirds

March 26, 1947, Lake Anza, Tilden Park Hills, Berkeley, 1330-1430 P.S.T. Bill Johns
Red-tailed Hawks - several pair seen over Berkeley-Oakland hills soaring and courting during the time we were out.
Flicker
California Woodpeckers
Coast Jays in evergreen *Eucalyptus groves*; several of them 565
Long-tailed Jays in live oak area.
Ruby-crowned Kinglets - pair singing in an alder.
Cassin Vireo - 3 were heard.
Yellow Warbler - saw 1, and heard 2 others.
Willow Goldfinches inthe canyon
Oregon Towhee
Chipping Sparrows - 7 heard and 5 were seen.

INSERT

OREGON COAST by Tom McCalister

March 26 1947 - warm and clear, light northerly winds.

Clatsop Co.

Ecola State Park (Indian Beach)

566

Baird's Cormorant
Harlequin Duck - 8M. 5F. resting on offshore rock
American Scoter - 2 pair M. & F.
Surf Scoters - large rafts offshore
* Pacific Kittiwake - 2 small flocks of gulls heading north offshore. Solid black wing tips noted. Most likely of this species.
Glaucous-winged Gull - 1
Western Gull
Pigeon Guillemont - all in spring plumage
Rufous Hummingbird
N.W. Flicker
Violet-green Swallow
Crow
N.W. Robin
Sitka Kinglet
Audubon Warbler
N. Pine Siskin
Rusty Song Sparrow

Tillamook Co.

Neahkahnie Mt.
Baird's Cormorant
*Old Squaw - one bird taken to be of this species in with a northward moving flock of Surf Scoters.
White-winged Scoter - one pair
Surf Scoter - steady lines of this species in flocks of about 50 moving north, mostly males - 1 : 5
Peale's Falcon - one adult bird circling over mountain
Glaucous-winged Gull
Western Gull
Violet-green Swallow
Raven
Rusty Song Sparrow

566

Nehalem Bay (upper end)
Northern Bald Eagle - one adult
Western Gull
Wilson Snipe - 8 feeding in grassy marsh
Pintail
Tule Wren
W. Meadowlark
Rusty Song Sparrow

March 26, 1947

Lake Lytle
Whistling Swan - 3 birds feeding along shore at south end. Compared with Mute Swans which are resident on the lake.
Lesser Scaup - 2M. 2F.
Ring-necked Duck - 9M. 7F.
Bufflehead - paired off
Surf Scoter - 1M.
Red-winged Blackbird

566

Tillamook Bay Entrance
Baldpate - small flock feeding on rocky beach edge.
Barrow's Goldeneye - 1M. 1F.
White-winged Scoters - 20
Glacous-winged Gull
Western Gull
N.W. Robin

Upper Tillamook Bay
Farallon Cormorant
Grebe - sp.? (Horned or Eared)
Pied-billed Grebe - 2
Baldpate - large flocks feeding in grass at mouth of Miami and Tillamook Rivers.
Scaup - sp.?
Bufflehead
Barrow's Goldeneye - 2M. 2F.
Merganser - sp.? 1F.

east Sandpiper flock of 150 →

Netarts Bay
Black Brant - that night while camped on the edge of the bay, we heard large numbers of Brant coming into the bay shortly after dark.

March 27 1947 - warm and clear, light westerly winds.
Tillamook Co.

Netarts Bay
Loon - sp.? 2
Grebe - sp.? (Horned or Eared)
~~C~~Coast Heron
Black Brant - flock of 200 out on a mud flat in the bay. Several strays feeding on flats along shore.
Scaup - sp.?
Bufflehead
White-winged Scoter
Surf Scoter
American Merganser-1M. at mouth of Trask River on Tillamook B.
Red-Breasted Merganser - 3M. and 6F. first noted early that morning which were going through mating antics. M. would swim toward F., snap head down low against breast and then straight up in the air with a quick jerk. Sometimes they would raise the whole body from the water and then bringing the neck back down would prostrate themselves flat, the head and neck stretched paralell to the surface of the water. Occasionally the M. or F. would make a low coughing sound.

567

In a short while 3 more males joined the group and took part in the antics. Several more pair noted on the bay, but this courtship ceased after a short while.

Bald Eagle - 1 imm.
Wilson's snipe - 1 in marsh at head of bay
Glacous-winged Gull
Western Gull
Calif. Murre - off Three Arch Rocks
Rufous Hummingbird
Harris Woodpecker
N.W. Flicker
Tree Swallow
Violet-green Swallow
Coast Jay
Raven
Crow
Chesnut-backed Chickadee
Coast Wren Tit
Varied Thrush
N.W. Robin
Golden-crowned Kinglet
Sitka Kinglet
Audubon's Warbler
Townsend's Warbler - 1 singing in tops of alders
Lutescent Warbler
Brewer's Blackbird
Red-winged Blackbird
Crossbills
Oregon Towhee
Shufeldt's Junco
Puget Sound Sparrow
Rusty Song Sparrow

567

Cape Lookout
Lesser Loon - 2 in full summer plumage. Many others noted off end of cape, and there were always several in sight flying low and singly northward.
Holboell Grebe - 5 off end of cape
Harlequin Duck - several pairs
Surf Scoter - one line heading north of 40
Peale's Falcon - 1 adult
Black Oyster Catcher - 1 pair
Glacous-winged Gull
Western Gull
Pigeon Guillemont
Pileated Woodpecker
Raven
N.W. Flicker
Calif. Creeper
Varied Thrush
Fox Sparrow - 4 in salmonberry that were very tame
Rusty Song Sparrow

567

~~arch 28 - heavy rain, southwest wind.~~

March 28, 1947, Heavy Rain, SW wind

Tillamook Co.

Manzanita Beach

Pacific Kittiwake - one dead one beach. Similar in appearance to a Short-billed Gull except for black wing tips and black feet. Adult.

568

Cape Falcon

Holboell Grebe - 4 off end of cape
Surf Scoters - 2 large line headed north
Black Oyster Catcher - 1 pr.
Black Turnstones - 5

March 27, 1947, Hayward, California 1030 PST.
Ring-billed Gulls abundant, and following newly turned furrows of the plough, in a field next to the highway.

March 27, 1947, Dumbarton Bridge, Lower San Francisco Bay, 1100 PST. 569

Blue Heron
Mallards
Baldpates
Redheads
Lesser Scaups
Sparrow Hawk
Willets
Avocets - 40 or 50 of them.
Dowitchers - 40 or 50, all on the tidal flats.
Black-bellied Plover- saw just one, about a foot long. In winter plumage.
Bonaparte Gulls - quite common, for I saw 25 or 30 riding on the water.
House Finches
Meadowlarks
Gambel Sparrows
Song Sparrows, Alameda, along the roadways.

March 27, 1947, Palo Alto, Calif., 1115 PST. 570

California Jays (Long-tails)
Loggerhead Shrikes
Meadowlarks
Brown Towhee, San Francisco-
Oregon Towhee, San Francisco-

March 27, 1947, Golden-Gate Park, San Francisco, Calif. 1715-1810 PST. 571
Overcast, and rain showers, both heavy and light.

Mallards
Baldpates
Lesser Scaups
2 pr. Ruddy Ducks - males in full bib.
Valley Quail - 11
Ring-billed Gulls
Rufous Hummingbirds.
San Francisco Brown Towhee
~~Gambell~~ NUTTALL'S Sparrow.

March 28, 1947, Berkeley to San Rafael, 0930-1030, via Bay Ferry. 572
Western Grebes - a few
Surf Scoters
Double-crested Cormorants
California Gulls - also at 9 p.m., flying by the ferry, after dark.
Dowitchers flew by.

March 28, 1947, San Rafael to Sebastopol, Calif., 573
Sparrow Hawks
Black Pigeon Hawks - 2
Violet-green Swallows
Rough-winged Swallows - 4
Crows - 7
Meadowlarks
Frisco Redwing
Brewer Blackbirds
Nuttall's Sparrow

Summer Home Park, 3½ miles NW of Forestville, Sonoma Co. on the Russian River, Elev. 60' to 70'. 1300-1700, March 28, 1947. 574

Blue Heron
Turkey Vulture flew over
Pileated Woodpecker - in the redwoods
California Woodpeckers - callin
W. Crow
Winter Wrens - singing
Plain Titmouse -
Robin
Ruby-crowned Kinglet
Golden-crowned Kinglet
Purple Finches
W. Evening Grosbeaks
Frisco Brown Towhee
Song Sparrow.

March 30, 1947, 10 mi. N. of Williams - 1700 PST - Barn Swallows over hiway.
4 mi. S. of Williams - Cliff Swallows over irrigation ditch. 574

April 1, 1947, Corvallis, Oregon 7 a.m.

Violet-green Swallows are everywhere in the air this morning, individually or in small groups, chasing each other, etc. One group of 8 were observed circling in a tight circle about 40 feet above 17th Street. Two of the birds were joined, one by its bill to the tail of the other, and they more or less spiraled down like a leaf, while the other swallows circled in very close. 575
[illegible]
a jockeying among the other swallows for position with the bird that had been held by the tail or rump. Could it have been an estrus female? No others succeeded in hooking on while I watched, although several came close.

Also seen were

Rufous Hummingbirds - 3 Also one in river bottom land at Quarry at 550 p.m.
Robins
Evenings Grosbeaks in small groups
Purple Finch
Green-backed Goldfinches on wire line
Song Sparrow

April 1, 1947 - 15-mile Swamp, Bruce Station, 10 Ovc, R[illegible], 1330-150[illegible]. 576
Horned Grebe - one male (?) in full plumage
Lesser Canada Geese at south end of swamp. Quite a few yet (150 ???)
Mallards - a few scattered pairs, and a large flock of M & F at north of swamp.
Shovellers - perhaps 40 pairs in the area, mostly males (5:1).
Vultures - altogether about 8 were seen circling the area and hiway area.
Marsh Hawk - female sailed over same area we have seen male before.
Pheasants - 3 cocks and 2 hens flushed from field next to swamp.
Wilson Snipe - 4 or 5 were flushed from flooded areas near the swamp.
Flicker - 1
Tule Wren - 1 heard just before we left.
Violet-green Swallows - none present when we arrived, but in an hour several dozen showed up from "out of no-where", and stayed till we left, at least.
Tree Swallows - a few of them were seen with the Violet-greens.
Robins - a few quite pale individuals seen.
PIPITS - 15-20 NEAR SWAMP
Meadowlarks - [illegible]
Redwings - a few pair scattered over the marsh.
Song Sparrows here and there.

April 2, 1947 - Corvallis 577
Evening grosbeaks picking on [illegible] of apple blossoms about noon
Chipping Sparrows singing from top of linden tree on the campus.

April 3, 1947, Corvallis, and Stewart Lake, noon to 4 p.m. Cloudy, W15, 50°F.

Cackling Goose single at the south end of the lake in company with a single White-fronted Goose. Both flew together to the north end of the lake. This peculiar association has been noted before at this lake.
Vultures - a couple flying around near the lake in the very strong wind. 578
Killdeer - a couple in the flooded field.
Wilson Snipe - 3 or 4 were flushed.
Spotted Sandpiper - flushed from the south shore of the lake.
~~F/~~ Rufous Hummingbirds - male and female perched on apple twigs, amid blossoms.
Flicker - a few seen.
Tree Swallows over the lake.
Slender-billed Nuthatch - gave two type of call notes from the oaks
Pipits - 36 were flushed from the flooded grain field near the lake.
Meadowlarks - perched on wire lines singing.
Purple Finches - various places here in town.

April 4, 1947, 5 p.m. 5 miles south of Amity, Oregon

Canada Geese, a flock of some 750-800 were seen in a grain field to the east of the hiway.

April 4, 1947, 530 p.m. Newberg, Oregon.

As we drove thru the main hiway street in the jeep, we saw a pair of English Sparrows busily mating in the very center of the street, in the downtown business district. (No discretion at all !)

April 5, 1947, Leadbetter's Peninsula, near confluence of Willamette and Columbia Rivers, below Portland, Multnomah Co. 9-11 a.m.
Dave Marshall and Fred G. Evenden, Jr.

Blue Heron - I saw my first real heronry, and it was definitely worth the trip to see it, too ! There were 150-200 nests in Cottonwoods growing along the N side of a small slough. Although there were acres and acres of Cottonwoods in the area, all the trees containing nests seemed to be in an area of less than an acre. Nests were from 50 feet height on up, with some up around 100' I would guess. Nesting trees didn't seem to be more than 100 feet from the slough. Some birds were still building nests, and carrying on with courtship displays such as "cresting", and bowing, etc., from lofty perches. Other nests apparently are completed for there were a goodly number of birds on the nests, and probably incubating eggs at this time.
Shot-like sounds produced by hitting a stick against a log resulted in the flushing of even those birds on the nests.

Mallards - a few pair were seen in various ponds, etc.
Baldpates - just 5 were seen - 3 were males.
Wood Ducks - several pairs were flushed from the "inland" ponds and sloughs.

Golden-Eagle, immature (could also possibly be an immature American Rough-leg Hawk).
Dark brown with mottling below. Black tip to tail, whitish band inside it. Whitish underwings. Tail broad and fanned widely. Wings deep. Head appeared to be elongate and rather pointed.
Little Brown Crane - we saw one in flight over the top of the cottonwoods.
Almost the size of a blue heron, and elongate neck was well seen.
Flickers - a few
Harris Woodpecker - Flushed an adult (sex ??) from a newly constructed nest cavity in a barkless, 15' Cottonwood snag (about 20" in diameter). The nest hole was at 7½ feet on the NE side. 1 3/4" in diameter. The hole went in about 2" before dropping into the "gourd" part of the nest. Depth horizontally from the entrance to the back of the cavity was about 7½". The cavity was straight walled from there to the bottom. The adult flew to a cottonwood some 40 feet away, and when we retired to watch the nest, it did not fly directly back, but flew by the nest snag and over to another cottonwood some 100 feet away.
Violet-green Swallows
Tree Swallows
Crow
Slender-billed Nuthatch   and Oregon Chickadees.
Seattle Wren
Winter Wren - Dave and I heard this one singing but did not think anything about it until I happened to notice where the song was coming from - 30 feet up in the upper limbs of a young cottonwood. This is the first time I have ever seen it singing from a perch over a very few feet above the ground. Nearby were shrubs of various species, as well as logs, which it usually would select for a singing perch. It sang for over a half hour, too.
Robin
Ruby-crowned Kinglets - singing its light, warbling notes.
Golden-crowned Kinglets
Purple Finch singing - Towhee - Junco - Song Sparrow.

April 5, 1947 , New Era, Clackamas Co., 530 p.m. A pair of Ravens.

Apr. 7, 1947,   Corvallis, Oregon State College Campus   Rain showers.

Robin female setting on completed nest in fork of elm tree near the poultry building, at a height of 15 feet. SE exposure, with a higher canopy of oak branches, to the north, south, and west. 4 p.m.

Yellow Warblers - seem to be singing everywhere on the campus this a.m. from 850 on. They have arrived.
Green-backed Goldfinches - pulling dry grass stems near the Admin. building and carrying to about 35 feet in a tall D. Fir, on the ~~west~~ EAST side. 10 a.m.

April 8, 1947, 12-mile Swamp 130 - 345 p.m. Dave Marshall, Tom McCallister and Fred Evenden. Hi Brkn, Low Sctd, Ocsnl RW- , SW8 with gusts.

Pied Bill Grebe - saw one dive just before we left. About 60 feet from the road. It reappeared with only the bill and top of head showing, submerged and swam some 150 feet just below the surface, and we could follow it by the ripple created by it. Then it rose with only the pate out !
Canada Geese , approximately 2000 to 2500 were in one or two flocks at the south end of the swamp and an adjoining field. Most were Lessers with some Commons with them.
Mallards - about 25 or 30 pairs scattered over the swamp. They seem to be mated up but we saw no sign of any having a nest at this time.
Baldpates - just 2 were seen, 1 a M for sure.
Pintails - perhaps 200 or more on the area, with a ratio of 5 to 1 this time.(M).
Gadwalls - we saw one pair of them
Green-winged Teal - a couple of flocks of 150-200 each were seen.
Cinnamon Teal - one male was seen for sure, and McCallister believes he may have seen another one as well. We all had satisfactory chances to study it.
Shovellers - 2-30 were present, the ratio being about 3M to 1F.
Wood Ducks - at least 2 pair were at the north end, close to the oak groves.
Turkey Vulture - circled over the area.
Virginia Rail - one heard on the east side of the swamp, and I later flushed [illegible] Carex obnupta at the north end, [illegible]. I had only a glimpse of this quite wary bird.
Coots - saw 6 or 7 just before we left.
Wilson Snipe - 3 flushed from field north of the swamp.
Greater Yellow-legs - a flock of 6 lit next to the Cinnamon Teal at the north end, and later on McCallister flushed a flock of 54 from the flooded field to the north of the swamp. Some landed in fairly deep water and gave the appearance of swimming, altho this must be doubtful.
Violet-green Swallows,
Tree Swallows and
Cliff Swallows were all present in such huge numbers over the swamp and adjacent area this afternoon that it would be difficult for me to estimate the numbers, for they were feeding close to the water, as well as several 100 feet above the ground. I'd roughly guess at least 500 were seen, consisting of 3 parts V-g's to 2 parts Cliffs and 1 part Tree Swallows.
Rough-winged Swallow - just one for sure, was seen just before we left the swamp at 5 p.m. It was with trees and V-g's and flying close to the bridges.
Raven - one flew over the north end, chased by a Redwing.
Tule Wrens - appeared to be more abundant, and I found a recently constructed nest in Carex obnupta at about 8" above the water, and 15" above the ground, when the water recedes. It was made of last years plant stems, and was pretty nearly soaking wet. Entrance on underside.
Pacific Yellowthroat - very definitely the first for me this year in Oregon, altho I did see them in Arizona several weeks ago. Heard it singing from a scrub-ash and spirea fence row along the road by the swamp at 130 p.m.
NW Redwings - many, apparently paired up now. Saw one female Redwing ??? that had a very prominent line over the eye, as well as having the throat, chin, and upper breast a clear yellow. Reddish on the wings, a wing-bar present, too. Found only one nest in short clump of Carex obnupta on the edge of a "thicket" of it. Freshly completed, and very wet.
Savannah Sparrows in fields and fence rows   Song Sparrow M sang within 5' of me. at 4½

[illegible]

Vulture - one on the ground, feeding on a quite old skeleton of a sheep.
[illegible]-shinned Hawk - 1 soared over the fir woods near the "owl".
R. [illegible]-tail Hawk - heard one. (Stellar Jay?)
Sparrow Hawk - heard a couple of them.
Pheasant - M & F in field, with F squatting on the ground. M 8 feet away.
Valley Quail - in oak fence row.
??? Long-eared Owl ??? - flushed from a tall fir, within [illegible] or [illegible] feet of the snag we "picked" for the nesting site for this bird. Again we caught only a glimpse of it, but again its smaller size put it in that species.
The nesting sites checked again showed no use, so perhaps the birds haven't started to nest yet., if there are two of them.
Rufous Hummingbird - one along the fence row by the road.
Lewis Woodpecker - 1 flying from one oak grove to another.
Stellar Jay - we flushed about 7 of them from an oak-serviceberry fence row along the road at about 445 p.m.
Long-tailed Jay - heard a couple in the oak groves on the hillsides.
Chestnut-backed Chickadee - working some oak brush.
Ruby-crowned Kinglets - several seen. One singing its light warbling call.
Golden-crowned Kinglets - in small flocks in the brush, particularly coniferous.
Audubon Warblers - saw 2 beautiful males in the oak.
Juncos present.

April [illegible], 1947, Corvallis to Poison Oak Lake, Linn Co., 830-1115 a.m.

Cooper Hawk - perched in a tree in the middle of a field, near a farmhouse.
Sparrow Hawk - 2 seen circling around a dead cottonwood.
Ring-necked Pheasant - getting grit at the edge of the hiway.
Wilson Snipe - flushed 5 from a flooded field near the hiway.
Killdeer - a couple seen.
Rufous Hummingbird - hovering over serviceberry flowers.
Flicker - a couple feeding on the ground.
Violet-green Swallow - plentiful
Tree Swallow - a few were seen.
Cliff Swallow - 3 were seen in open country.
Long-tailed Jay - one heard and another seen in ash thicket.
Oregon Chickadees working an oak tree.
Seattle Wren - one scolding.
Robin
W. Bluebirds - on fence and wire lines.
Ruby-crowned Kinglets - working brush along a small creek.
Lutescent Warblers - seemed to be plentiful in both fir and oak-ash along the way.
Audubon Warbler - working the bunches of fir along the hiway.
Yellow Warbler - singing from high in a D. fir.
Meadowlarks
Redwings
Brewer Blackbirds - a mixed sex flock of 150-200 birds flushed from one grain field.
Evening Grosbeaks - in an isolated D. fir in front of a ranch house.
Purple Finch - singing up to 930 or 10 this a.m. A few seen.
Willow Goldfinches - common.
Green-backed Goldfinches - a few were seen.
Towhees in most of the fence rows.
Chipping Sparrow - in English walnut near one farm house.
Juncos working the brush in a small flock
Song Sparrows - quite a few singing and others seen.

[illegible], 1947, [illegible]
Strong SW wind, scattered [illegible], 1500 Brkn.

Vulture - 3 circled over.
Mallards - 2 flew over, calling.
Valley quail - a covey of them in poison oak, and rose-[illegible].
Killdeer - a couple
Flicker - one calling loudly from a snag.
Violet-green Swallow - a few feeding over the lake and fir timber.
Long-tailed Jay - [illegible].
Oregon Chickadee - a pair were nest building in an oak tree near the [illegible]. [illegible]
sat by while the other busily attached the wood, [illegible].
Slender-billed [illegible] - [illegible].
Robin - one
Ruby-crowned Kinglet - singing and scolding
[illegible] - [illegible].
[illegible]
[illegible]
[illegible] - [illegible].
[illegible] - [illegible].
Towhee - M & F every[illegible].
Junco - pair building a nest on the ground in moss at the [illegible] on the [illegible] side, close to the stem, with a full canopy over it. They allowed very close approach they were so engrossed in their activities.
Song Sparrows - [illegible].

April 10, 1947, N. Cemetery Hill, Corvallis, via Alta Vista Rd., 3-445 p.m. Clear, W 10-

Valley Quail - flushed 4 from an oak thicket, in pasture lands.
Mountain Qail - flushed a pair from brush in the D. Fir clearing atop Dixon Cr. ridge, and then flushed 2 more farther down the south slope in the oak.
Pheasants - Cocks could be heard crowing in almost every direction on farmlands.
Ruffed Grouse - a single flushed from a clump of Sweet Briar beside a small creek, in a valley, running thru a pasture area.
Killdeer - acouple were heard.
Flicker - 4 of them flushed from the ground in a flooded meadow. They flew into oak.
Violet-green Swallows - a couple flew over high.
Oregon Chickadees - a pair making plenty of noise in a rose thicket, and later I came across a roving-feeding flock of about 18 birds, in the oak scrub.
Chestnut-backed Chickadees - working thru a rose-scrub oak-young D. fir pasture.
Brown Creeper - a couple were heard in the timber.
Slender-billed Nuthatch - 1 seen, and 3 others heard.
Robins - 2 flew over.
Hermit Thrush - working the underbrush at the edge of the young D. Fir, and Oak. Seemed quite tame this time. There were two of them.
Ruby-crowned Kinglets - plenty heard thruout the oak and fir this p.m. One pair were busy feeding, and fed on insects in a hazel within 5 feet of me.
Golden-crowned Kinglets - 3 or 4 working thru hazel and young fir near the timber.
Pipits - a flock of 5 flew over.
Hutton's Vireos - 3 were in about 1 acre of timber, busily calling to each other, and working toward each other at the same time. Two different notes used.
Audubon Warblers - working both oak, and in the fir.
W. Meadowlarks - heard a few.
Evening Grosbeaks - a flock of 4, and one of 20 flew over, heading NW.
Purple Finch - singing from a D. Fir.
Willow Goldfinch - a few flew over, and others in the oak scrub, and on the ground.
Towhee - a pair feeding within 8 feet or so of me, didn't know I was there.
Junco - a pair feeding, or gathering grass in a rose pasture area.
Golden-crowned Sparrow - a single one perched on a wire line at the bottom of the hill, and calling for all it was worth. Why???
Song Sparrow - several seen. All seem in full, rich, and deep plumage now.

April 11, 1947, 1530, Lewisburg, Benton Co.
Vultures had to flap wings continuously because of the calm air this p.m.
Cliff Swallows building nests under the eaves of a barn not far from the hiway.

April ~~0~~ 12,1947, Woodburn, Pudding River, Oregon 0900-1145

Wood Ducks - apir on pond.
Vultures circling over now and then.
Red-tail Hawks - 2 & 2
Sparrow Hawk on a wire line
Pheasant
Great Horned Owl - perched in dense cedar clump.
Mouring Doves
Kingfisher
Rufous Hummingbird
Flicker - a few
Red-breasted Sapsucker - ~~f~~Male digging nest in live cedar on east side at 32 feet. Saw another one about 150 feet away, feedin in Big-leaf maple
Harris Woodpecker - one seen.
Gairdner Woodpecker - saw a female working on a nest hole in a willow in the water on the south side at 28 feet (I heard another working noisily off to the NW of this tree). Soon she gave a call note and flew away to the NW and the male came from the NW and started working where the female left off. Very little noise was made here, but the wood pieces flew anyway. The female then worked noisily on the tree the male had been on. The first cavity was already about 2½" deep and they were starting to "turn it downward". The second tree was a willow 170 feet NW, also still in the water. The hole was at 25 feet on the N side. It was about 1" deep. This 2nd willow was dead.
Violet-green Swallow
Coast Jays
Crows flew over.
Oregon Chickadees
Red-breasted Nuthatch
Slender-billed Nuthatch
Creeper
Bush Tit
Winter Wren - singin in the woods
2 Seattle Wrens in bush, from all actions in chasing others away, they had territory.
Robin
Bluebirds
2 Hutton Vireo's calling at the rate of about 65 notes/minute.
Cassin Viroe - heard 3 of them this a.m. None to be seen.
Lutescent Warbler
Meadowlark
32 Evening Grosbeaks
Purple Finch
Willow Goldfinch feeding on willow buds
Towhees abundant
Vesper Sparrow
Junco
Chipping Sparrows
Fox Sparrows
Song Sparrows

April 12, 1947, Butte Creek Grove, 1½ miles S of Monitor, 1200-1300. Clear & warm.

Vulture
Sparrow Hawk
Rufous Hummingbird
Kingfisher
Flicker
Red-breasted Sapsucker drilling a hole at 35 feet on the SE side of a Big-leaf Maple.
Violet-greet Swallow
Coast Jays (4) scolding me
Oregon Chickadees
Winter Wren singing
Robin
Rubsset-backed Thrush - old nest in Ninebark at 5½ feet at the edge of a clearing in old fir-cedar grove.
Bluebird nest at 3 feet on SE side of apple tree in orchard near the road. One ~~one~~ seen entering it.
Ruby-crowned Kinglets
Golden-crown Kinglet
Lutescent Warblers common
Pacific Yellowthroats
Willow Goldfinch
Junco
~~Whit~~ Puget Sound Sparrows
Song Sparrows

April 12, 1947, Crooked Finger Ridge Pond, Elev. 1100 feet, 1315-1400
Vulture
Tree Swallows
Golden-crowned Kinglets

5/1

Milk Ranch - Abiqua Camp, 1420-1630, April 12, 1947.

Vulture
Blue Grouse hooting
Ruffed Gouse drummin.- heard clearly.
Valley Quail
2 Killdeer on "bottom" of drained pond.
Rufous Hummingbird
Flicker
Red-breasted Sapsucker
Gairdner Woodpecker - nest building, but I didn't locate it.
Pileated Woodpecker - male calling loudly and flew to a tall fir snag and then "leaped" across 15 ft. N to another tall barkless snag in which a nest cavity is. He lit below the hole and "hiked" up to it, and went in without hesitation. Whether or not it is a new hole, I couldn't tell, for it was on the SW side at 35 feet. The tree diameter at the hole level is 15", and the hole is elliptical in shape: () being 3½ wide and 5-5½" high. The snag is at the edge of a gully on a rather steep south slope, which has been burned and logged off - only scattered trees and snags remain.

The male stayed in the nest about 3½ minutes, and hesitated on coming out - finally putting out his head and holding his bill open. In about 1 minute, out he came and flew to a barked snag 20 feet NW of the nest snag. Finally, after giving more call notes, it flew north over the brow of the hill.

Slender-bill Nuthatch
Robins - dozens seen everywhere.
W. Bluebirds - several pair. One pair had nest in a barked fir snag at 30 feet on the NW side. Hole 1½ x 1¼" in size.
Ruby-crowned Kinglets
Lutescent Warblers
Pacific Yellowthroats - 15 to 20 of them, calling all afternoon.
Willow Goldfinch - several
Puget Sound Sparrow
Song Sparrows

April 12, 1947, 1630-1645, Mt. Angel , Valley Quail, Mourning Doves on wires.
Short-eared Owl - flying across field, landing, and then taking off to chase a Brewer Blackbird.
Kingfisher, perched on wire LINE over flooded fields by the road.

April 13, 1947, Woodburn, Home, all day, clear and warm, and calm. 573

Killdeer flew over
Mourning Doves heard nearby
Brewster's Screech Owl - present outside during the night.
Rufous Hummingbird
Flicker
Violet-green Swallows - dozens circling over the yard all day, some searching for nesting sites in our screened ventilators.
Long-tailed Jays - in our cypress
Oregon Chickadees
Slender-billed Nuthatch
Seattle Wren - in the shrubbery
Robins - seen carrying nesting materialsinto Colorado Blue Spruce.
Ruby-crowned Kinglets - in birch across the street.
Lutescent Warblers - a couple about 9 this a.m.
English Sparrows -
W. Meadowlarks - heard   Evening Grosbeaks in Fir and Birch this a.m.
Purple Finch - several heard singing.
Pine Siskins - working birch across the street
Willow Goldfinch - adults and immatures
Oregon Towhee - pair in the laurel hedge.
Oregon Junco
Chipping Sparrows - back in the English Walnut in our back yard, as always. Seem to be chosing Cypress for nesting site????
Puget Sound Sparrow
Song Sparrows.

April 15, 1947, Corvallis, OSC Campus - Brook Lane and Mary's River, 0700-0815 PST.

Shovellers - flushed a pair from the river. They circled over twice before leaving.
Valley Quail - 9 pair, all paired up were in the oaks sunning and preening this a.m. beside the road, and others were just sunning. I watched for 5 minutes, and finally they discontinued their activities and left.- Females first.
Pheasants - heard a couple crowing this a. . 574
Horned Owls - flushed 2 from a big, old oak beside the river, and they flew into fir.
Rufous Hummingbird - heard 1, and saw 3.
Flicker
Lewis Woodpecker - one flew into the top of an oak, and then left again immediately.
Gairdner Woodpecker - just one, in ash.
Violet-green Swallows in great abundance everywhere, more so around habitations.
W. Crow - heard one, and later saw 2 fly over.
Oregon Chickadee - a few in the brush.
Slender-billed Nuthatch - several pair in a mixed fir-oak woods. Many immatures.
Red-breasted Nuthatch - 4 in a small clump of young fir trees.
SEATTLE WREN
Robins - in abundance everywhere.
Ruby-crowned Kinglets - in brush, scolding and singing.
Golden-crowned Kinglets - working fir timber.
Cassin Vireo - saw and heard quite a few (7 or 8) this a.m.
Audubon Warblers - more or less paired up, but feeding in oak and fir in large flocks
Lutescent Warbler - heard at least 30 different ones this a.m. They were everywhere.
Pacific Yellowthroat - calling from most brush areas. Watched 2 chase each other, and then perch side by side on a wire line.
English Sparrow - around buildings.
Meadowlark - heard a couple
Brewer Blackbirds - paired up, but apparently not attempting nesting yet.
Evening Grosbeaks - small flocks of 15 to 30 all over the country this a.m. Calling
Purple Finches - quite common, for their song could be heard everywhere.
Willow Goldfinches - the elms on the campus are full of them, singing and feeding, both matures and immatures
Towhee
Chipping Sparrows most brush areas -- Juncos - a few
Puget Sound Sparrows - 2 different pairs seen.
Song Sparrows.
32 species.

April 15, 1947, 12-mile Swamp, Bruce Station, Clear and very warm, N 7. 1330-1515

Blue Heron - just one flew over.

Lesser Canada Goose - we thought they had all gone, but we found one trying to sneak away thru the marsh vegetation at the [illegible] end of the swamp. Finally it flew. Whether or not it was sick, I don't know. 575

White-fronted Goose - we were surprised to see 15 of them, not at all shy, waddling and swimming around in the north half of the swamp. We later flushed them, and they flew to the south end.

Mallards - not too many pairs, those remaining possibly planning to or are nesting??

Gadwall - a fine male, and possibly a few others were in the area.

Baldpate - a half dozen or so.

Pintails - perhaps 100-150 birds, pretty well divided as to sex.

Green-winged Teal - 50-75

Shovellers - almost 100 may have been seen. About 2/3 were males, it seemed.

Vulture - one circled nearby.

Marsh Hawk, just as we were leaving we saw a rather small female working over the same field that we have seen the M & F in previously.

Pheasants - crowing from the surrounding farm lands.

Virginia Rail - T. McCallister flushed one this week, not many yards from where we flushed the one last week.

Sora Rail ~~???~~ - we heard a strange series of 3 notes, that may have been this species but of course none of us are banking on it. Checked

Wilson Snipe - perhaps 25 or 30 were flushed from flooded pasture at the north end of the swamp. In beautiful plumage now.

Yellowlegs - perhaps 15-20 in the area

Rufous Hummingbird - flew by an ash thicket

Violet-green Swallow - a few showed up late in the afternoon.

Raven - a couple flew by the north end, calling.

Audubon Warblers - M & F working the ash groves by the swamp.

Pacific Yellowthroat - 2 were heard in the ash groves.

Redwings - well-paired up now, but we found only one newly constructed nest, and the one that was wet and new last week, now is dry, and contained one egg. It is about 10" above the water.

Savannah Sparrows - in the fields and fence rows.

Song Sparrows - a few seen and heard.

Oak-Fir Belt, 3 miles west of 12-mile Swamp, 1515-1630.

Vulture

Ruffed Grouse - flushed one from a young D. Fir thicket. 576

Pheasants crowing from the farm land below.

Mourning Doves, in the road on the way up.

Rufous Hummingbird - 1

Pileated Woodpecker - heard one calling twice.

Violet-green Swallow - a half-dozen or so near a ranch house.

Hutton Vireo - one or two were heard - 2 calls were given.

Lutescent Warbler - 3 or 4 were heard in the area, calling plainly.

Meadowlarks - flushed along the road up.

Brewer Blackbirds

Purple Finch heard one singing.

Junco

April 16, 1947 - OSC Campus - Willow Goldfinches, Pine Siskins 577
+ Evening Grosbeaks in great numbers in the Campus elms, etc.
The air was filled with a blurr of bird notes!

Apr. 17th S. MacDonald Forest Ridge: - Stormy - rain + wind.
Vulture soaring over the ridge. Coast Jay 34 Evening Grosbeaks flew over
Blue Grouse hooting Audubon Warblers Juncos [illegible] there

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Apr. 18th - O.S.C. Campus. 9 a.m. Savannah Sparrows Myrtle Warblers at Stuart L. Mallards White, [illegible] + [illegible] pine
♀ Robin on nest that had 4 eggs on Apr. 11th. Nest at 23' in Cascara tree on east side of Agric. Bldg - about 7 feet from bldg. wall.

April 20, 1947, Corvallis, 3 p.m. Stormy and 1500 Ovc. Strong winds and RW- 600
Canada Geese - quite a few flights have been going over today, north.

April 21, 1947, Avery Park, Corvallis 7 p.m.

Flicker flew from maple tree to the dirt pathway, pecked around in a small area for a few minutes, and then proceeded to dust himself in that spot. 601

Robin nest on south side of an 8" north-leaning Ash tree. Nest at $6\frac{1}{2}$ feet, over the water in the pond, where the ash was growing, supported by small, upright coppice growth. Pond on north side of a tall fir grove, well-shaded.

~~MC0~~ Black-throated Gray Warbler - saw one in the small firs at south end of park.

April 22, 1947, 12-mile Swamp, Bruce, 1340-1645, -0 N 3-8, warm. 602

Blue Heron - one wading in shallow water in the open north end of the swamp.
Mallards - seemed to be paired up. Perhaps 35 or 40 pair.
Baldpates - 1M, and 1M-2F seen for sure. May have been a few others.
Pintails - paired up, perhaps 30 or 40 pair altogether.
Green-winged Teal - perhaps 2 or 3 dozen were seen.
Cinnamon Teal - again we saw a beautiful male, perhaps the same one, and it seemed to be alone, for when flying, or feeding, it was always by itself.
Shoveller - 2M to 1F, and perhaps 125-150 birds altogether.
Osprey - just before leaving Dave spotted a "hawk" flying over the swamp. We saw it was an Osprey, and it was being chased by Redwings, and did a "snap roll" to evade them and continue on its northward course. Had a fair view of it. As it went over the north end, most of the ducks took off, and spread out in all directions.
Virginia Rail - first saw this species on April 8th, and located at least 2 pair today. Walking thru sedge meadow and found ourselves "surrounded" by a female. We stood still and it worked its way completely around Tom and I, never being farther out than 15 feet from us. All the time it uttered one particular call note of alarm at the rate of about 30/minute. The sound began with a barely audible sound like that of a quite taut rubber band (med. weight) being snapped, and then the clearly audible part consisted of a sound not unlike that produced by us when we hold a blade of grass between our hands and "squawk or squeek" it. The birds note varied some. While the one bird was working its way around us thru the spike-rush and sedge, a second bird remained almost within a 3 foot radius some 20 feet away, and gave the same alarm note, and also another, deeper, "gargling" or grunting series of sounds, and these were occasionally taken up by the female, as well (assuming the sex). Finally the F came into a sedge clump 6 feet away and stopped scolding, and quieted down long enough for a "breather" and then we heard it "purr", or at least the sound suggested that to both of us, tho it was barely audible. Then I spotted a small black young swimming thru the spike-rush toward the parent, evidently it had remained "frozen" until the "purring" signal from the parent. The young was $2\frac{1}{4}$" long, the tarsus was $1\frac{1}{2}$" long, and blue-black. Iris brownish-black. Skin pinkish white. Body covered with a dense, long, glossy black down, the cutest little dickens you ever saw. The bill was pinkish, white at the base, with a black band around it, not quite $\frac{1}{2}$-way out. The "egg nail" was still prominent on the upper tip of the bill
Sora Rail - checked up on last week's call and this is it. Tom coaxed one up to within 10 feet of it, by repeating the "ker-wee" notes. Heard just the one pair today.
Wilson Snipe - quite a few in the flooded pasture area. Heard several "winnowing".
Yellowlegs - perhaps there were 100-125 today, well scattered thruout the swamp area.
Mourning Dove - heard
Kingfisher - 1
Violet-green Swallows - a few
Tree Swallows - a couple seen
Barn Swallows - saw the first 2 of the year
Cliff Swallows - one for sure. yellow-shafted Flicker Nest
Crows in field
Tule Wren - heard one
Robins - a few
Pipits - flock of 3 and 50& - late birds
Cassin Vireo - in area of ash scrub.
Pac. Yellowthroat - 2 seen.
Redwings - new nest last week had 4 in it today. Tom took pic. Nest with 1 egg last week had 4 today.
Savannah Sp.
Puget Sound Sparrow
Song Sparrows.

April 22, 1947, Avery Park, 5 p.m. Clear and warm. Left at 515 p.m.

603

Cooper Hawk - one flew slowly over the tree tops. May be nesting here again.
Red-breasted Nuthatch - one busy digging a nest cavity at 40 feet on the SW side of a rotten snag, on a tall, slim Big-leaf Maple tree. Deciduous canopy overhead.
Creeper - heard
Cassin Vireo - heard
Lutescent Warbler - heard and seen
Audubon Warblers- working the maples and ash.
Purple Finches - singing from tree tops.
Pine Siskins - a few heard.
Towhee - singing from perches at 3 to 10 feet.

April 23, 1947, Corvallis: 215 p.m.
Canada Geese - 2 strings, totaling from 250-300 birds flew over at 3500 feet. North.

April 24, 1947, Corvallis to "Poison Oak" Lake, Linn Co, 0650-0710.

Horned Larks quite a few seen on fences, posts, and in the fields, many singing.
Puget Sound Sparrows - all the way out and back were many of them singing from wire lines, trees, and telephone posts, etc.

April 24, 1947, "Poison Oak" Lake, Linn Co., 0710-0945 3000 Brkn, NE 4, 70°F.

604

Canada Geese - 3 flights went over, heading north, all in long inverted "V". 275 in one flock, 150-160 in another and 225 in a third, which was above the clouds.
Wood Ducks - watched a pair. female swimming and leading the M, and giving continuous notes; while M preened, F flew up into an Ash tree by the water's edge, and about 10 feet high. Stayed a while, dropped back to the water and proceeded on around the lake, with the M following, both just looking, not feeding. All the while he was pushing his head way forward and pulling it way back, as if doing some phase of a courting. They'd whistle to each other every so often. They worked ½ way around one side of the lake, and another pair swam out and headed directly for them from the other side. As the 2nd pair approached the 1st pair retreated slowly, and in five minutes had been retreated some 50 to 60 feet along the west side. They whistled etc at each other, and after a time, the 1st pair advanced again, and this time the 2nd pair did not chase them, but retreated, instead, finally flying to the east side where they came from, and the first pair advanced on another 75-100 feet. Later this first pair flew up and around and lit in two oaks, the M 25-30 feet up on the NE side of one that had a cavity in it. He hung on the outside, looking in, and then the F flew over from the other tree, and displacing the M, she hung on the side of the oak, by the hole, and he lit on another limb, 15 feet away, bobbing his head ahead and back. After about 3 minutes, she dropped to a perch a few feet from the hole, and just sat there, and the male flew back into the oak she had first lit in. I scared her about then, and that was all I saw.
Greater Yellowlegs - two were in flooded pasture area at edge of lake, Called when flushed
Mourning Dove - one bird perched 70 feet up in top of old oak, cooing loudly. Later I flushed another bird in the poison-oak-pasture area, and found a nest located on top of a very old D. Fir stump, rotten, but dry. It was 24" across and the top was 2½ feet above the ground. The stump was encircled by poison oak 6 feet high, except on the east side. The nest was in a shallow cavity on top of the stump. Nest of heavier twigs up to ¼" dia., and lined with very fine woody stems. No grass. About 1½" deep and 3½" wide on the inside. 2 young were in the nest, 1 a little bit larger than the other, but the larger one was dead, and it appeared to have a broken neck. The other was about 2" long, and covered sparsely with a grizzly gray-brown hair or down. Skin gray-black-brown. Eyes not yet open.
Pheasant - crowing in the area
Flicker -
Violet-green Swallows
Tree Swallows around a dead-topped oak
Cliff Swallows - saw 4 of them.
Lutescent Warblers - 6 heard and seen.
Long-tailed Jay
Oregon Chickadee- pair mating with wing-fluttering
Seattle Wren - singing and giving note.
Robin
Cassin Vireo
Audubon Warblers in the firs.
Pacific Yellowthroats common Meadowlarks singing Purple Finch Towhee
Junco Chipping Sparrows Song Sparrow

April 24, 1947, MacDonald Forest, South Spur, 1300 feet, 1330-1700 45 Sctd, NW 6, warm

Lesser Canada Geese - a flock of 75-125 flew by the hill below us, going north.
Cackling Geese - a flock of 150-175 flew by about a half hour behind the Canadas.
3 Vultures were circling over the ridge-tops in the vicinity today.
Blue Grouse - hooting continuously this afternoon - heard 3 different birds.
Harris Woodpecker - 1 male working a 5" dead fir snag in the heart of the forest. He was very busy "sounding" the snag and we approached pretty close to him. He pecked everywhere, and when he located a dud spot he fed there, presumably.
Golden-crowned Kinglets - a flock working thru the upper story of the fir.
Evening Grosbeaks - several flocks of 25-30 birds seen all over the area this p.m.

605

OSC Campus, SE Corner of Ag. Bldg. 1815. I climbed to the robin's nest previously described in the Cascara tree. I banded the four young, 3 of which were getting down covered and had pin-feathers developing. the 4th one was about ½ the size, and did not have pin-feathers yet. The abdomen was the predominant development. Band #s 41-224296, 97, 98, and 99 were placed upon the birds.

April 25, 1947 2 milen NW of Coburg, Oregon, 1530
Vultures common
Horned Larks common

606

April 25, 1947 - Oakland to Sutherland, Oregon, 1615
Rough-winged Swallows

April 26, 1947 - Rogue River, Agness-Illahe, 930-11 a.m.
Vulture
Osprey - 1 circling up the river near 2mile Creek
7 Western Gulls calling and perched on rocks along the river
Rufous Hummingbirds - several pairs present - some doing love dives. Beautiful sights.
Kingfisher - one
Violet-green Swallows - a few along the road by Mason's Wall
Tree Swallows - with the V-g's
Stellar Jays in the timber
Chestnut-backed Chickadees - in a live-oak and fir belt.
Seattle Wrens - singing early this a.m.
Cassin Vireos - calling and singing.
Pine Siskins - small flocks in the timber.
Chipping Sparrows - a couple

607

April 26, 1947, Coquille-Rogue R. Summit (Agness-Powers). and SW , 1110 a.m.
MacGillivray Warblers
Red-Crossbills - small flocks here and there in the Port Orford Cedar, etc.

April 26, 1947, Rock Creek, 3300' on E base of Iron Mtn. Coos-Curry Co. 1140 a.m.
Vulture
Rufous Hummingbirds
Stellar Jays
Red-breasted Nuthatches
Oregon Juncos here and there.

608

April 26, 1947, Iron Mtn. - Coos-Curry Cos. 1200-1500.
Vultures
Flicker
Ravens - 1 pair
Tree Swallows near summit
Townsends Solitaires paired up and songs could be heard everywhere in the valleys. Quite grosbeak-like.
Pileolated Warblers.

April 27, 1947, Rogue River - Agness-Illahe 8 a.m.
Wilson Snipe flushed from sand bar at edge of river eddy.
Western Gulls common
Cassin Vireos - in the trees around the cabin.

609

April 27, 1947, N Side of Rogue R., Illahe-Clay Hills (7 miles) 0900-1830 pst.

American Mergansers - 3 not quite in full plumage were on a sand bar by the river at 2 p.m. and had to enter the water to take off when we flushed them.
Vultures - many everywhere along the river.
Red-tail Hawk and nest on east side of D. Fir, against the trunk, at 60' in the tree which was on top of a hill.
Golden-Eagle perched over edge of river in Quercus chrysolepus
Osprey circling over river eddy.
Ruffed Grouse - 1 pair which didn't want to fly, but we couldn't locate any nest.
Hungarian Partridge - 1 pair in arid oak-madrone hill area.
Mtn. Quail - 1 pair were put to flight along the trail.
Western Gulls the entire distance we hiked along the river. Had good view s of them perched on the rocks. Watched some circling with Vulture and Swallows.
White-throated Swifts - 7 seen over high, slope and bluff at 1030.
Rufous Hummingbirds - common, with a pair almost every $\frac{1}{4}$ mile or so.
Flickers - I saw 2, and one of these flew across the river.
Violet-green Swallows
Stellars Jays in the timber.
California Creeper - heard and saw just one in oak forest.
Dipper - at Flora Dell Falls - 2 adults and 3 nearly grown young with light gray plumage and pinkish legs. One young flew off the head of the falls and lit in an alder tree 40 feet off the ground below. Adults were busy carrying food and still feeding them.
Robin - just one
Ruby-crowned Kinglets - 2 seen in oak fir woods
Hutton Vireos - in Fir-oak woods
Audubon Warblers - quite common - notes and singing.
Towhees -
Chipping Sparrows - 2 at base of bluff at Schneider's Ranch

May 1, 1947, Stewart Lake, N. of Corvallis - 7 to 9 a.m. High fog, cool

Bob Whites calling from several fields. One seen in an isolated Oak tree which I approached within 8 feet.
Pheasants crowing everywhere.
Killdeer - seemed to be paired up, and would run, rather than fly from their area.
Band-tail Pigeons - a pair were observed perched quietly in the top of an Oak.
Horned Larks in most of the fields, and flying over singing and calling.
Violet-green Swallow - a few flying, and most perched on wire lines.
Lutescent - Warblers - singing.
Audubon Warblers - in the tops of the oaks
Meadowlarks - singing everywhere
Willow Goldfinches - a few full males were seen
Towhees
Chipping Sparrows - trilling from wire line by the road.
Song Sparrows

610

May 1, 1947, S Spur, Mac Donald Forest, N of Corvallis, 115-5 p.m., Warm and breezy.

Vulture circling over.
Coast Jay - one seen, and several heard.
Calif. Creeper - 2 seen in the oak area.
Golden-crowned Kinglets - a small flock working a clump of fir.
Cassin Vireo - one calling persistently from the top of some firs.
Lutescent Warbler - a few singing
Audubon Warbler - a couple heard.
Black-thraoted Gray Warbler - seen and heard.
Mac
MacGillivray Warbler seen in fir area.
Towhee

611

May 2, 1947, 521 Hayes Street Woodburn, 6 p.m. I watched an adult female Song carrying food into our Port Orford Cedar, and upon investigating I found a nest containing three quite small young ~~in a nest~~ at a height of 6 feet. This tree was a very dense clump, well sheltered from rain and wind, and sun. I banded them #'s L-42256,57, and 58. They didn't seem to have their eyes open yet. Feather tracts on wings and mid-back about ½-way back. Pin feathers coming out. Feathers blue-black. The skin was brownish. On May 3rd I saw the adult carry fecal sacks away. 612

May 3, 1947 Pudding River, Woodburn, Oregon - 930 a.m. to 2 p.m. Clear and warm

Wood Ducks - a pair preening on a log in the middle of the willow pond near the river.
Vulture - several soaring low over the center of a large grain field.
Sparrow Hawk - one on a wire line
Valley Quail - flushed one pair from the edge of a gravel road.
Pheasants- crowing occasionally here and there.
Killdeer - a few heard and seen. Pretty well paired up now.
Band-tailed Pigeons - flushed 32 from the top of some firs in the woods
Mourning Doves - a few scattered singles on wire lines. The mates probably on nests.
Dusky Horned Owl - flushed one from a clump of cedars at 11 a.m.
VAUX'S SWIFT HEARD [illegible] OVER THE FIR WOODS
Rufous Hummingbird - a few seen, and quite a few more heard. No nests found. 613
Belted Kingfisher - one flew up the river, calling.
Flicker - a few seen
Lewis's Woodpecker - one seen flying out from an old oak at the edge of the fir.
Red-breasted Sapsucker - one male lit on the side of a cedar trunk and a Pine Squirrel scolded it loudly and then tried to chase it away.
Gairdner's Woodpecker - using the nesting hole described several weeks ago.
Little Flycatcher - 2 or 3 seen in the woods, around clearings, feeding occasionally.
W. Wood Pewee - one heard, and another seen later in the same vicinity.
Olive-sided Flycatcher - calling and feeding from a tall old D. Fir near the river.
Violet-green Swallow - common
Tree Swallows - just 3 were seen
Bard Swallows - around Joe Aichers place
Cliff Swallows - quite common over forests and fields and along the fiver.
Horned Lark - a few seen flying from one field to another by the river.
Coast Jay - a couple scolding from the fir woods
Long-tailed Jay - in brushland pasture by the river.
Crow - a couple flew over, and I heard others in the distance.
Oregon Chickadees - a pair in a hazel clump, one singing clearly
Slender-billed Nuthatch
Red-breasted Nuthatch
California Creeper
Dipper - one flew from the edge of the river, and what it was doing here I don't know for this Pudding R is not their type of stream, and it is about 9 miles to the nearest water likening to its typical habitat.
W. Winter Wren - singing from the deep cedar and fir woods
Seattle Wren - singing in the brushland-pasture area.
Robin - singing from perches up to 60 feet above ground.
W. Bluebird - a couple seen in a fence row by a field 613
Cassin Vireo - calling here and there
Lutescent Warblers - common and singing everywhere
Yellow Warbler - a few were heard and seen. I believe these are the 1st since April.
Audubon Warblers - a couple were seen
Black-throated Gray Warblers - two heard singing and one seen
MacGillivray's Warbler - 4 were seen in the brushland-pasture area.
Pacific Yellow-throat - singing and giving warning notes everywhere. Many seen.
English Sparrow - near Joe Aichers farm buildings
W. Meadowlarks - singing everywhere.
Redwing - in marshy field not far from the river.
Brewer Blackbirds - common, and paired
Western Tanager - one pair seen, and heard calling in the fir woods.
Evening Grosbeak- one. Purple Finches here and there House Finch - one M seen
Pine Siskins - 3 in cedar tree. Willow Goldfinches common Green-backed Goldfinch - fe
Towhee - Savannah Sparrows - Vesper Sparrows - Juncos (3) - Chipping Sparrows common
Song Sparrows

May 4, 1947 "Poison Oak" Lake, 3 - 6 p.m. 614

Wood Ducks - 1 pair seen
Vulture
Pheasants crowing
Killdeer
Bandtails - 7 flew over
Flicker
Wood Pewee
Olive-sided Flycatcher
Long-tailed Jay
Oregon Chickadee
Red-breasted Nuthatch
Robin
Russet-backed Thrush - 5 in the woods and brush
Bluebirds
Yellow Warblers
Audubon Warblers
MacGillivray Warbler - a couple
Chipping Sparrows common

May 5, 1947, Corvallis, Oregon 615

Vaux Swift - Dr. Gordon told me about some he'd seen at a residence where they have congregated in years past, and so I checked their arrival to agree with those I heard on Saturday at Woodburn. I saw 7 altogether.

Robin Nest on west side of D. Fir, NW corner of Kidder Hall on the campus, with a west and north exposure, getting the afternoon and evening sun. It was on a horizontal limb at 5 feet above the ground, and this limb more or less protruded out into the open more than the other limbs. There was a canopy of twigs over the nest, too. There was one rather discolored egg and two young of about equal size in the nest. They had reddish skin, with blackish down coming out, mostly down the dorsum of the back, and on the wings, the head still being quite bare. Pin feathers were about ¼" long on the wings. They would not open their eyes while I banded them (41-231051 and 52). The adults were present, and the female continually dived at my head, scolding viciously all the while. She had been at the nest, but not on it, when I found it. Girls gym classes are always around this tree all day, and so there is no end of activity around the nest. This was at ~~7~~ 615 p.m.

Found two other nests in locust trees on the west side of the armory. One was at 9 feet, and the other 11 feet. Both on horizontal limbs, and on the south side~~,~~ from the trunk, both well-shaded.

English Sparrow - nest with young at 35 feet on the north side of the Women's Gym or Museum building, under the eaves, on the end of a rafter. Both parents were carrying food at 7 p.m.

May 6, 1947, 12-mile Swamp, Bruce Sta., Benton Co., 1315-1600, 8/10 ¢ Warm, breezy
WHATTA DAY ! WHATTA DAY !

American Egret - we hardly arrived at the swamp when one flew in front of us from the south, and lit at the north end. We flushed it off and on, all afternoon, and could still see it when we left the swamp at 1600. Blk legs - yellow bill.

Lesser Canada Goose - Tom flushed just one from the north part of the swamp. It may have been the one Dave and I flushed about a month ago, but it seemed to be in apparent good health, while the one we saw was not.

6/6

Mallards - approximately 18 in the area.

Pintails - a pair were seen, and possibly others.

Green-wing ???? Teal - female unidentified - just one.

Wood Ducks - 2 pair seen, and 2 single males as well.

Vulture - several circled over the area. Crows were chasing one, and Redwings were chasing another one.

Marsh Hawk - a female over the field east of the swamp, chased by Redwings, and Brewer Blackbirds.

Sparrow Hawk - 2 circled over the field on the east side of the swamp.

Bobwhites - along the highway home.

Pheasant - heard one crowing.

Virginia Rail - "cornered" another pair of them, and found a small downy black young about the size of the one caught on April 22, 200-250 feet away. Banded with size #3, 41-354647. Both parents scolded and "chipped" their mandibles together while we banded the young. Black ring on bill, but no "egg hook" present. At first it tried to swim away, and then as I came close it "froze" among the spike-rush with head low to the water.

Killdeer - two different pair seen that seemed to have nests that we couldn't locate.

Yellow-legs - 2 or 3 were seen and heard here and there over the swamp.

Long-billed Dowitchers - a pair seen at a distance, and then closer, and white area on back and rump was plain. Plumage was richly colored, chestnut-like.

Mourning Doves - 2 pair were seen. No nests were found.

Flicker - one seen

Violet-green Swallow - quite a few over the area.

Tree Swallows - more of these than the former species.

Barn Swallows - several pairs were seen, and one pair was found with a nearly completed nest under a porch roof on the cabin wall. It is mostly of mud, cup-like, and attached to the wall along one side. Some grass stems woven into the nest, and finer grasses in the lining, with some feathers.

Cliff Swallows - over the swamp area.

Crows - calling and a few flew over the swamp, 2 chasing a Vulture.

Tule Wren - one pair close to us as we located nests, and one scolded us from a foot or two from us (near our feet) while we looked in one nest. It was at 4' in the open to the north and east, in a Spirea, and I found another nest at 5' in spirea about 6 feet away. Both nests were empty.

Cassin Vireo - one heard by Tom

6/6

Lutescent Warbler - calling

Yellow Warblers - a few calling

Pacific Yellowthroat - quite a few in the brush and ash, and along the fencerows.

8 Long-tailed Chat ~~????~~ - Dave and I heard a call from a willow-ash-spirea clump in the swamp that might well be this species, but we didn't get to see it, so we won't back it up too energetically! Seen for sure on May 9th

Meadowlark in fields by the swamp

Yellow-headed Blackbird - M & F - male flew from fence row across the road not 15 feet in front of me, and into the swamp. We saw him from time to time all the rest of the afternoon, and heard about 3 different call notes from it. It fed in the smartweed close to the water, and occasionally took to the air to catch an insect the way redwings do. Plumage was in pretty bad shape, but still quite brilliant, for redwings chased it. We watched it hold its own against one redwing, however. Dave spotted the female on a leafless limb in the fence row by the road, near where the M had first flown from. She was a rich dark brown, with yellow on face and breast. No mistake. The nest we found ~~last week~~ Apr. 22 that "keyed" out to this species was completely torn up when

May 6th - 12mile Swamp, continued:

found April 22 that "keyed" out to this species was completely torn up when we checked it today. It could be that Redwing competition tore up this nest. Just a theory, for there is a pair of them here, even if we didn't see them on Apr. 22nd. This pair will have a hard time getting a foothold at this swamp, because of the large number of redwings present. We found over 20 nests without hardly covering the biggest part of the swamp. If the Yellow-heads nest, it will be at the very edge of the swamp, for it is quite unlikely that they will be able to "stake out" a territory within the swamp proper.

Redwings - all paired up, it seems, and plenty of them. The following nests found:
1. 3 young and 2 eggs in Carex obnupta clump at 18". Large set.
2. 4 eggs at 2½ feet in Ash tree or bush 616
3. 4 eggs at 3½ feet in Spirea
4. 1 young and 3 eggs just hatched at 1½ feet in dead ash. Open site.
5. 4 eggs in Carex at 2 feet
6. 4 young in Carex at 1½ feet
7. 1 nest vacated already. No young seen today
8. 1 nest at 12" in Eleocharis
9. 1 nest at 15" in "
10. 1 nest at 13" in "
11. 3 eggs in Carex at 18"
12. 3 young and 1 egg in Carex at 24". Pin feathers developing.

13-18 - 6 new nests in Carex at from 2 to 3 feet.

19. 3 eggs at 28" in Carex
20. 4 eggs at 30" in Carex
21. 4 eggs at 3 feet in Cattail
22. new nest at 2 feet in Carex
23. new nest at 2 feet in Carex
24. 4 eggs at 5½ feet in Spirea, sheltered
25. 3 eggs at 1½ feet in Spirea

Purple Finch - a pair in the gravel road thru the swamp
Song Sparrows - singing here and there.

May 8, 1947 - S Spur, Mac Donald Forest, N of Corvallis, 1330-1700, Ovc, Rain, windy.

Blue Grouse - hooting continually - 2 different birds
Band-tailed Pigeons - cooing-like, and in flight.
Flicker - a pair of them
Coast Jay - one pair seen, and same or others heard frequently the rest of the time. 617
Gray Jay - saw just one of them in the fir woods
Ravens - a pair of them flew over.
Yellow Warbler
Lutescent Warbler
Black-throated Gray Warbler
EVENING GROSBEAKS - 2 - Small flocks still around the campus, but a great deal less than before.

May 9, 1947, N. Cemetery Hill, 1 - 115 p.m. Sctd clouds, cool breeze from west.

Vulture - Sparrow Hawk - Lewis Woodpecker
Long-tailed Chat - distinctly heard in the scotch broom on the hill for certain. 618
Dave and I thought we heard one at the 12-mile Swamp on May 6th, too.
Lazuli Bunting - Dave heard the song, and I located the bird on the east side of an oak, and it gave its call at least once a minute while we were in the area.
Vesper Sparrows singing and flitting everywhere.
Chipping Sparrows - male carrying nesting material - grass.

On the east slope of South Cemetery Hill we checked a Bush Tit nest reported by Bob Storm The adults were in the area. The nest was at 6½ feet in a very small oak, more or less in the open. The entrance was on the north topside, and went in 1 3/4" before turning downward. It was the smallest nest I have ever seen, not being over 7½-8 inches long.

May 10, 1947, 2 miles north of Corvallis - clear and windy from north 330-545 p.m.

W. Redtail Hawk - a pair were located circling over the hill area, and their nest was found at 75 feet in a more or less isolated cottonwood, on an open south-east-sloping hillside. One young was reported in the nest last week, with a garter snake and 2 moles were in the nest, too. One dead egg, partly along.
Band-tailed Pigeons - 6 of them came down a valley and lit in the top of a clump of oak beside the creek.
Mourning Doves - several pair were seen, and others heard in the area.
Violet-green Swallows common, as were Barn Swallows near the ranch house.
Robins paired and feeding on the flat valley pastures.
Yellow Warbler - heard
Black-throated Gray Warbler - one male seen in the oak and cottonwood on the near open hil
Meadowlarks singing and giving single notes everywhere.
House Finch seen
Purple Finches singing on wire lines going into town
Lazuli Buntings - saw 5 in one bunch and 3 in another in the valleys here.
Vesper Sparrows everywhere, and singing now and then.
Chipping Sparrows - one pair seen.

May 12, 1947, Poultry Bldg, OSC, 3 p.m.
Warbling Vireo seen and heard in elm trees in front of the building.

May 13, 1947, Stewart Lake, 8 to 10 a.m. scattered clouds, cool, breezy.
Pied-billed Grebe - swimming among emergent pond lily leaves.
Anthony Green Heron - perched on fallen oak tree with 4 Woodies and 15-20 Mud Turtles.
American Bittern - heard one at the north end, and later saw it before it flew to the south end.
Mallard - one pair present
Wood Ducks - 2 pair were perched on the fallen oak tree with the Green Heron and the 15-20 Mud Turtles.
Vulture - a pair sailed over high, heading west, in a straight line.
W. Redtail Hawk - just one seen.
Sparrow Hawk - on wire line
Bobwhites - calling everywhere
Valley Quail - se veral heard
Pheasants - crowing here and there
Killdeer - a few were seen
Coots - just 3 were seen.
Spotted Sandpiper - one perched on the pond lily leaves near the pond center. It flew giving its call notes.
Mourning Doves - cooing here and there.
Rufous Hummingbird - just one
Flicker - a few
Gairdner Woodpecker - one in ash and willow thicket
Little Flycatcher - just one perched on wireline
Horned Larks - a few in the adjoining fields.
Violet-green Swallow
Tree Swallows
Barn Swallows
Cliff Swallows
Crow - heard one
Long-tailed Jay - in oak-ash thicket
Oregon Chickadee - a few in the oak area.
Bush Tits - in the oak woods.
Slender-billed Nuthatch - mostly in the oak, but one heard in the cottonwood-willow.
Seattle Wren - in spirea-rose brush at edge of lake.
Robins - feeding young in nest I could not locate.
Russet-backed Thrush - just one heard and seen.
Western Bluebirds - 3 flew over.
Ruby-crowned Kinglets - in the ash-oak brush.
Cassin Vireo

— OVER —

May 13, 1947 - Stewart Lake continued

35 species forwarded:

Warbling Vireo - watched two courting, and the male left and flew into top of a hawthorne where it continually sang, soft notes barely audible, along with the typical notes usually heard.
Lutescent Warbler - a few heard
Yellow Warblers - several pair in the area - one has territory and drove out a male that tried to enter.
Audubon Warbler - working in the oak area.
MacGillivray Warbler - watched one singing from the top of a Rosa nutkana
Long-tailed Chat - heard one in a brush patch near the pond.
English Sparrow
Meadowlarks - singing everywhere.
Brewer Blackbirds - paired up along the road, common
Black-headed Grosbeak - singing from pond side of an ash tree on west side.
Western Tanager - in the older oak grove area. Didn't stay, but moved on
Lazuli Bunting - in field and fence row near the pond
Green-backed Goldfinch - a pair were seen near the pond in a weed patch.
Oregon Towhee - came across just one pair, and one of them was on the ground, and when I approached I knew they had a nest near where I was standing, but I couldn't locate it, so I moved away and watched, and soon had it located within a 5 foot radius, for the parents never left the nest very far, just into the nearest trees and shrubs. The female went up an oak to a height of about 30 feet. The male had food in his bill, and kept giving warning chirps. Both increased their note intensity when I got close to the nest. It was located on the ground at the base of a clump of grass, with a canopy of grass, Rosa gymnocarpa, and snowberry up to 18" high over it. No trees or shrubs were within 8 feet of the nest site, although the oak canopy at 30-35 feet just about covered the area, there was plenty of light. The nest was made of coarse grass stems, and lined with finer stems of grass, etc. There were 4 pinking-gray-skinned young in the nest, each of different size, indicating the incubation began with the laying of the first egg. Their eyes weren't open. A bluish-gray down of a straggly nature was on the top of their head, and down part of the back. The wings were partly down covered with down, and pin feathers were beginning to develop. The majority of the body was abdomen, completely bare. Inner mouth reddish. Largest length up to 2½ inches, and smallest 1½ to 1 3/4" long. Tarsi were pinkish-flesh, and the gape was yellowish. Banded 41-52101-104 inc.
Vesper Sparrows common in fields
Chipping Sparrows - must have been 8 pair in the pond area, several territory fights.
Junco just two were seen.
Song Sparrow -
53 species.

May 13, 1947, 12-mile Swamp, 1315-1725, clear and cool to warm, light breeze. Another red-letter "Eastern Oregon" day. I did it last week, and Tom did it this week. Just take a gander at the list below !

621

Blue Heron - one flew over
American Bittern - one in the spike-rush within 25 feet of Tom, but it wouldn't show itself until Dave and I came up the road toward the bridge. It flew to the NE side of the swamp, where I later flushed it again.
Lesser Canada Goose - still the one (we assume) on the swamp. Flushed it 3 X.
Mallard - a few pair were seen, but no nests found.
Blue-winged Teal - Tom found a female and two 5 or 6 day old young swimming in shallow water among Eleocharis at the south end of the swamp, in an area where we had not visited before. She "talked" to them as she flew, and they evidently "disappeared", for we did not find them later. Later Tom and Doc Gordon saw the male bird, and still later, we all got to see it when it took off from this same vicinity with 3 or 4 Mallards. This is a doggone good record, and will be hard to make some of the Bird-boys believe !
Wood Ducks - a few singles, and a couple of pair were seen. None with young yet.
Hooded Merganser - a female (small size) seen with 4 or 5 young by Dave, and later I saw the adult birds, but not the young. These were also reported by Bob Storm last Saturday (May 10th).
Vultures - a good many circling singly, or in small groups over the area. One pair stuck low and close to an area at the south end of the swamp.
Marsh Hawk - none seen today, but I found last year's nest in the center of a clump of Carex oregonensis - a similar sight to the one found in 1942 (May 5).
Sparrow Hawk - male on wire line, and one over field next to the swamp.
Valley Quail - heard
Pheasants - heard
Virginia Rail - heard several and flushed just one
Sora Rail - heard and flushed one from clump of Carex ~~oregon~~ obnupta
LSON SNIPE Killdeer - flushed 3X from small area near curve in gravel road.
2 of them flushed by Dr. Gordon
Solitary Sandpiper - ? - watched one on a muddy flat among the spike-rush at the south end of the swamp. It was by itself. It teetered and nodded, and stood pretty low to the ground. The call notes, when flushed, were a little higher than the Spotted Sandpiper, and its flight was of long sweeps, but very irregular and zigzagging in direction. It was a dark gray-brown above, with a wash on the chest, and white below. Head had a gray-white eye ring, and there was no line over the eye. Supposedly it had a barred rump, which I could not see, it being all white, but inasmuch as a Lesser Yellowlegs is supposed to be even larger than this bird, which was about 7 & inches long, it is eliminated, and I guess I must admit it as it is, even if I saw what I saw - Ha ! !
Red-becked Sandpiper - not far from the Solitary we flushed a full plumaged bird of this species, in company with a more or less uniformly light gray of the same size, perhaps a bird of the opposite sex, in winter plumage, yet.
Band-tailed Pigeons - I sawa single, and later a flight of 15 to 20 came over the swamp, circled and dropped into the field next to the railroad tracks.
Mourning Doves - cooing and paired, but no nests found.
Rufous Hummingbird - saw one take off from a nutkana rose.
Flicker - saw one, and heard a couple near the north end of the swamp.
Wood Pewee - perched in top of tall ash on island at north end.
Horned Lark - on fence post by the road, going home.

621

Violet-green Swallows - a few
Tree Swallows - quite common
Barn Swallows - quite a few, and the nest being built last week was dry, and lined with red chicken feathers. In it was one delicately spotted egg.
Cliff Swallows - quite common over the swamp.
Crow - saw a few
Tule Wren - heard many over the swamp area, and one nest had at least 3 eggs in it. While Dave was at the nest, the adult bird came within 1 foot of him without making a sound, and did not scold him till he was leaving the nest area.
Robin - a few individuals were seen.

May 13, 1947, 12-mile Swamp continued:

Cassin Vireo - several heard in the ash groves 621
Lutescent Warblers - a few heard
Yellow Warblers - heard and seen
Pacific Yellowthroats - heard
W. Meadowlarks - heard and seen
Brewer Blackbirds - not at the swamp, but along the fence rows toward the road.
NW Redwings - plentiful - most paired up. Nests in various stages of construction and destruction, some just being built, and other already deserted by the young. The nests were found principally in Carex obnupta, with 2nd abundance in small, protected ash trees; 3rd in Eleocharis, and 3 or 4 in a clump of cat-tails along the west side. Height ranged from 6" above the water in Eleocharis to 6 feet in one small ash tree. Most between 2 and 3 feet, however. Perhaps a dozen nests were found empty already, and I managed to band two birds that were able to fly a little ways. Many nests had incomplete sets of eggs, having just 1, 2, or 3 eggs. One nest containing 2 young at least 5 days old, and 1 dud egg, had the young in pretty bad shape, for the top of their cranium had been punctured by some bird, and open wounds were the result. I banded just one of these, and neither appeared as if they'd leave the nest. In case they do, we may be able to trace out some data on mortality.
Song Sparrows - common.

May 14, 1947, Corvallis, OSC Campus:
Cedar Waxwings abundant in the elms on the campus this a.m. Heard everywhere.
Robin - a nest is on the inferior cornice ledge above the top of the window outside the north windows of the Ag 329 lecture room, and it just seems to be hanging there, about 1/3 off the ledge. Occupied??? 622
Little Flycatchers - heard in the row of small D. Fir by the tennis courts.

May 15, 1947, South Spur, MacDonald Forest, 11 a.m. to 5 p.m. Sctd clouds, warm.

Vulture - circling over the valley below
Blue Grouse - not a single hoot was heard all day !
Band-tailed Pigeons - a few flew into the fir near the study area.
Rufous Hummingbird - one female seen flying to a nest high in an oak tree.
Wood Pewee - saw and heard a couple of them 623
Olive-sided Flycatcher - just one was seen.
Tree Swallow - a couple is all
Stellar Jays - common, giving two scolding notes, and also Redtail call.
Chestnut-backed Chickadees - adults feeding young, of which I saw 6.
Red-breasted Nuthatch - in oak fir area.
Golden-crowned Kinglets - a small flock working thru a clump of small firs.
Cassin Vireos - calling here and there.
Warbling Vireo - a couple seen and heard.
Lutescent Warbler - a few
Black-throated Gray Warbler - saw 3 today, and thought I heard others.
MacGillivray Warbler - just one seen.
Pileolated Warbler - saw 2 in the oak-fir area.
Evening Grosbeaks - a few flying around in the area.
Western Tanagers - at least 3 males in the vicinity of the area. One perched on several trees in an area of one acre, calling and singing lightly. A beautiful specimen, indeed.
Junco - a couple seen.

May 16, 1947, Corvallis to Lebanon - 0820-0850. Cloudy, and cool

Green Heron
Valley Quail - 2 pair
Pheasants - 2 males
Killdeer
Mourning Doves - 3 pair
Flicker
Horned Larks
Violet-green Swallows
Tree Swallows
Long Tailed Jay
Oregon Chickadee
Seattle Wren
Robin
Cassin Vireo
Lutescent Warbler
Yellow Warbler
Meadowlark
Redwing Blackbird
Brewer Blackbird
Vesper S parrows.

May 16, 1947, Trout Creek, S. Santiam Pass, 10 a.m.
Violet-green Swallow

May 16, 1947, Snow Creek, S. Santiam Pass, 1015 a.m.
Stellar Jay
Olive-sided Flycatcher

May 16, 1947, Tombstone Prairie, cascades. noon to 2 p.m. clear and warm to cool.
Gairdner Woodpecker - 1
Harris Woodpecker - a pair courting on the side of a Sitka Spruce snag in the woods.
Stellar Jay
Slender-billed Nuthatch
California Creeper
Robin
Pine Siskin,
Willow Goldfinches
Red Crossbills
Juncos - a pair in the spruce and fir. Dead one on the ground in bog area contained several Blue-bottle Flies (Calaphora) and a very large and pretty Carrion Beetle (Silphidae - Silpha) with red-orange spots on an black background.

May 16, 1947, Lost Lake, S. Santiam Pass Hiway, 238 p.m. and 6:30 p.m.
Mallards - 3 pair were seen on the lake now, and also 4 at 630 p.m.
Barrow's Golden-eyes - 2 pair were seen on the center of the lake, and they swam for a while, as we approached, and then 2 dived, and 2 ran for a take-off.
Spotted Sandpiper - just one seen at 630 p.m.
Violet-green Swallows over the lake in the evening.
Robin - in the evening
Ruby-crowned Kinglet flew into the White Pine at 3 p.m.

May 16, 1947, Santiam Pass, Hoodoo Lodge - 330 p.m.

Raven - 1
Red-breasted Nuthatches - a small flock of them.

May 16, 1947, Indian Ford - Metolius R. area.
Robin - a few
Mountain Bluebirds - just 3 seen in the yellow-pine and juniper.

May 17, 1947, Marion, Oregon, Miller's Butte Area - 1030 a.m. to 330 p.m.

Wood Ducks - flushed a pair from an irrigation ditch near the butte.

Vulture - several circling over the area.

Sharp-shinned Hawk - saw one carrying a Vaux Swift, and being chased by 3 others.

Valley Quail - just one pair heard, and later seen (6 2)

Pheasant - crowing from a field at the base of the butte.

Mourning Doves - 2 pair seen

Vaux Swift - 3 chasing a Sharp-shinned Hawk which was carrying one Vaux Swift.

Flicker - saw 2 or 3 in the area.

Western Kingbird - saw this bird perched in the dead top of an oak in the center of a yellow-pine clump. Had sufficient opportunity to observe it from all angles, and there is no question about it. Several times it left its perch to take an insect, but I never heard a call note.

Little Flycatcher - a few in the area.

W. Wood Pewee - saw just 2 of them.

Olive-sided Flycatcher - one perched atop a tall fir, near the top of the butte.

Violet-green Swallow - scattered everywhere, but usually in pairs.

Bank Swallow - saw a pair of them - the first of the year for me ! They have a nest burrow at about 30 feet, on the wall of the quarry exposed SW. While I was near the entrance, the birds hovered close to me, but I could find nothing in it, for it was too dark, and too deep to reach the end.

Cliff Swallows - a few seen, and I observed one female perched on a wire line, with the male trying to mount, but they weren't too successful. Each time he approached, she spread her wings a little bit.

Bush Tit - a single bird was seen, and because of the dense poison oak, I did not look for the mate, the nest, or anything.

Red-breasted Nuthatch - in the oak - fir area atop the ridge.

California Creeper - in the same area as the Nuthatch.

Robin - a few, all feeding young already out of the nest.

Russet-backed Thrush - one heard

Western Bluebird - a good many were seen, many in beautiful plumage.

Golden-crowned Kinglet - in fir area on the NE slope of the ridge

Shrike - one flushed from scrub oak on the SE side of the butte, by the quarry.

Cassin's Vireo - heard a couple.

Lutescent Warbler - heard several.

Yellow Warblers - common in the area.

Black-throated Gray Warbler - saw just 2 males, and possible one female today. (6 2)

Pacific Yellow-throat - heard just one male calling.

Long-tailed Chat - found two pair located on a NW slope, old pasture heavily invaded by Poison Oak, and a few small oak, too. The nest of one pair was located at 2½ feet, in the center of a dense clump of Poison Oak, and I didn't bother at all. The males of both pairs were perched atop bushes or small oaks, calling, and they weren't over 100 feet apart.

Meadowlarks - heard several

Redwing Blackbirds - a few heard

Brewer Blackbirds - one nesting in isolated scrub oak in fence row by the RR tracks. Nest at 3 feet above the ground, well shaded.

Western Tanager - heard and saw two different males near the top of the hill, in the fir area.

Lazuli Bunting - several seen, and many more heard singing.

Calif. Purple Finch - saw a couple, and one male singing from a fir.

Green-backed Goldfinch - saw quite a few, mostly split into pairs now.

Oregon Towhee - common

Chipping Sparrow - many pairs in the area, in scrub oak, yellow pine, and pasture. Many nesting now, one nest at 3 feet in *Rosa nutkana* clump, another in *Rosa rubiginosa*, and one in snowberry, on NE slope. Young were 3,4, & 4.

Junco - a couple of pair is all I saw.

Song Sparrow common

May 18, 1947,   Seal Rocks, Lincoln Co. - 1400-1630.   Sctd clouds, warm. NW wind.

Black Brant - a flight of 130-140 flying fairly high on their way north.
Black-oystercatcher - a pair on some of the outer rocks.
Ruddy Turnstones - a flock of 5 working the rocks at the water's edge.
Western Gull - a few around
Horned Puffin - found one dead, and washed up by the tides.
Rufous Hummingbird - buzzing around some of the yellow trumpets of Twin-berry.
Horned Lark - a pair on a fence by an pasture
Barn Swallows -
Bank Swallows - a pair had nesting hole in sand-stone cliff by the ocean
Raven - a few here and there.

May 20, 1947,   "Poison Oak" Lake,   Linn Co,   8-10 a.m.   Clear and warm.

Vulture
Cooper Hawk sailed over
Bob Whites
Valley Quail
Pheasants calling
Killdeer
Mourning Dove
Vaux Swift
Rufous Hummingbirds
Kingfisher flying high over land
Flicker
Gairdner Woodpecker
Olive-sided Flycatcher
Horned Larks common
Violet-green Swallow
Barn Swallows
Cliff Swallows
Long-tailed Jay
Oregon Chickadee
Slender-billed Nuthatch
Seattle Wren
Robin
Cedar Waxwings
Cassin Vireo
Lutescent Warbler
Yellow Warbler
MacGillivray Warbler
Black-throated Gray Warbler
Pacific Yellowthroat
Long-tailed Chat
Meadowlarks
Redwing Blackbirds
Brewer Blackbirds
Purple Finch
Willow Goldfinch
Towhee
Juncos - paired

6 29

Ma y 20, 1947, 12-mile Swamp, Bruce Station 1300-1615, clear and warm, NE wind.

Blue Heron - one seen
Bittern - Tom and Dave saw one
Mallards - a few pair were seen, and also single hens. Tom and Dave saw one with young, and I found a recently vacated nest of dried rush stems, situated on the south side of a Spirea bush, at the base, in a solid stand of Carex.
Green-winged Teal - one seen
Wood Duck - flushed one pair, and they had nearly ½-grown young that couldn't fly yet. Lenght was about 10" or so. Later, I caught one of equal size, after a hard chase. The bird would run on the water, and if I got very close it would dive, and swim underwater for distances up to 15 feet without coming to the surface. The water was shallow and clear and I could see it using its nearly featherless wings as an aid in swimming, and it could see well under water, for it dodged vegetation growing ahead of it. Finally, it neared exhaustion, and I almost caught it, but it dove, and swam on, and then stayed down, and I tried to pick it up, but found that it was holding itself down by using the bill, and in order to pick it out of the water I had to break off the sedge it was holding in its bill. This bird was also about 10" long, and had well-developed claws on the toes, and the toe (hind) was partially lobed. Brownish coming in on the breast and shoulders, and the tail already had that "squarish" form, with the metallic coloration.
Hooded Merganser - at least 2, and possibly 3 different females were seen in the area. One had 10 young, and another had at least 4 that I know of. I found myself in the middle of them, and the F was trying to decoy me away. When that wouldn't work she swam about in the open, with crest fully erected, and uttering a heron-like series of notes. As she swam back and forth, first one, and then another of the young appeared at her side, and followed her closely as she swam away.

12-mile Swamp continued: May 20, 1947

Vulture - several circling the area
Sparrow Hawk
Pheasant
Virginia Rail - adult on nest containing one egg which was a cream color, spotted with a maroon-brown. Nest of dry Carex stems 7" above water. Both adults stayed within 5 feet while I was at the nest.
Killdeer
Mourning Dove - a couple of pair 630
Violet-green Swallows
Barn Swallows common - nest had 5 eggs today, and more feathers added to lining.
Horned Larks - acou~~r~~ple
Crow
Ravens
Tule Wren - nest that had 3 eggs last week now has 7 in it. While I was at the nest, the adult came within a foot of me, but didn't scold till I left.
Robin
Cassin Vireo
Audubon Warbler - 1 male seen in ash area.
Pacific Yellow throat
Meadowlark
Yellow-headed Blackbird - while we were still at the Jeep before starting out, the pair flew over us from the swamp area, and flew along the fence row, at least to the area of the RR tracks, and then we flushed it farther. Just before we quit I flushed the F from the same area (which they may have chosen for their feeding area in the swamp), and it again flew along the road toward the hiway. Perhaps these two birds have managed to establish a nest that far from the swamp.
Redwing Blackbirds common - many nests vacant now, and others just starting. I banded two well-feathered young in one nest that also contained an egg. The nest at 6 feet in an ash had 4 young which I banded. I also found 4 eggs at 5 feet in Spirea, and 3 eggs at 2½ feet in Spirea.
Brewer Blackbirds - saw male carrying food to young, along the hiway.
Song Sparrows.

May 21, 1947, S. Spur, MacDonald Forest, 3 - 6 p.m.

Pigmy Owl - as we started out at 6 p.m., Aller spotted this one perched on a phone line pole by the road. This was on an east slope, and had been in the shade for a long while. It didn't fly, and I got within 20 feet of it, and finally after waving my arms it flew in a long downward dip, and an up-swoop into the to p of a Big-leaf Maple 60 feet away. 631
Cassin Vireos calling
Black-throated Gray Warbler singing on top of the hill
Western Tanager - several males calling in the area.
Lazuli Buntings plentiful on the flat area around Lewisburg, on fence-posts, etc.

May 22, 1947, Corvallis to Monroe, Benton Co. 930-950 a.m. Clear and warm

Vultures common
Sparrow Hawk on wire line
Horned Larks - quite a few
Violet-green Swallows
Meadowlarks
Pacific Yellowthroats
Brewer Blackbirds
Purple Finches
Willow Goldfinches
Barn Swallows
Cedar Waxwings

632

May 22, 1947, Monroe, Benton Co. to Cheshire, Lane Co., 950-1015 a.m. Clear & warm

Valley Quail - a pair
Mourning Dove
Rough-winged Swallows at mill pond
Cliff Swallows
Long-tailed Jays in ~~Jun~~ Yellow Pine
W. Crows - several pair seen
Yellow Warblers
Brewer Blackbirds
Song Sparrows

May 22, 1947, Cheshire to Noti Bog, Lane Co., 1015 to 1040 a.m. 633

Vultures common
Vaux Swift
Rufous Hummingbird
Olive-sided Flycatcher
Say's Phoebe in flat, dry area
Violet-green Swallow
W. Bluebirds - a few seen
Cedar Waxwings
Cassin Vireo
Lutescent Warbler
Brewer Blackbirds

May 22, 1947, Noti Bog, 5 mi. NW of Noti, Lane Co. 1040 a.m. to 330 p.m.
Few birds in the bog area, itself,

Vultures - soared over the area
Ruffed Grouse - flushed several at close range in the "ditch" around the bog, but could find no sign of nests in this dense vegetation.
Mountain Quail - 2 flew from the gravel road near here.
Rufous Hummingbirds - saw 2 females, but no males
Harris Woodpeckers - a pair had a nest in a dead 7" D. Fir snag, in a second-growth open area near where we ate our lunch. It was on the NE side at 22 feet. 634
Little Flycatcher
Violet-green Swallows
Cliff Swallows
Coast Jay
Tule Wren in the dense Ledum growth of the bog, tho there was little free water.
Russet-backed Thrush
Cassin Vireo
Lutescent Warbler
Yellow Warblers
Pacific Yellowthroats around the border of the bog.
Evening Grosbeaks flew over
Western Tanagers - their "pittock" call was common everywhere
Lazuli Bunting at edge of pasture near the bog.
Towhee
Junco - a pair had a nest we couldn't locate, near the bog, in open D. Fir.
White-crowned Sparrows in fence row by the road.

May 24, 1947, Santiam River, Foster Bridge - 730-830 a.m. 635
Mountain Quail - calling single notes from both sides of the river.
Spotted Sandpipers - a pair on a bar above the bridge. Had a nest that we could not locate.
Band-tailed Pigeons - a pair in a D. Fir clump of 5 trees, near an old orchard, where they were probably attracted to feed on cherries.
Olive-sided Flycatchers - two calling
Stellar Jays - 4 or 5 seen and heard.
Oregon Chickadee - a pair with a nest on the NW side of a dead fir snag at 30 feet on an open south slope. Bluebird nest in same sang.
Western Bluebird - a pair with a nest at 18 feet on the E side of a dead fir snag on an open south slope. Chickadee nest in same snag.
Cassin Vireo - a couple heard.
Western Tanagers - a few heard.

Cascadia State Park, Santiam River, May 24, 1947, 9 to 1030 a.m. 636

Kingfisher flew by
Flicker a few on the open flat at edge of Dobbin Creek
Black Phoebe - Phil and I were walking down the west side of Dobbin Creek, under the bridge, looking for Rana boylii when I heard this birds call, and I immediately spotted it perched in the shade on the north limbs of an alder above the creek, below the bridge. It was preening its feathers, and did have the feathers wet, as if it had just been bathing in the creek. It did not call any more while we watched. I got Dr. Gordon, who also got to see it at 30 feet with 8X binocs. There is no question about the identity. Plumage was not a truely jet black, so it may have been an immature, or a female. Outer tail feathers may have been lighter???

OVER OVER

Cascadia State Park continued: May 24, 1947

Stellar Jay
Red-breasted Nuthatch
Robins common
636 MacGillivray Warblers - a few heard and seen
Meadowlark in small pasture area
Brewer Blackbirds common in flat area by Dobbin Creek
Western Tanager - common and heard everywhere.

May 24, 1947, Sheep Creek, S. Santiam Hiway 1330-1500 pst.

Pileated Woodpecker heard
637 Raven - one seen
Dipper - two adults and 2 or 3 nearly grown young in rocky gorge below the bridge.

May 24, 1947, Peoria Ferry Road Marsh, 5 miles from Corvallis, 615 p.m.

Wood Duck female and 5& young swimming from Pond lily emergent leaves in to spirea and willow thicket in the water.
Cassin Vireos heard
Mac Gillivray Warblers seen.
638 Pacific Yellow throats heard
Long-tailed Chats heard
Meadowlarks
Brewer Blackbirds
Lazuli Buntings plentiful in the area
Purple Finch
House Finch
Towhee M & F
Juncos
Song Sparrows

May 27, 1947,   12-mile Swamp, and Faling Eastate Swamp, 1 mile west 1 - 4 p.m.

Blue Heron flew over swamp
Vultures here and there
Sharp-shinned Hawk flew over
Redtail Hawks - one pair circled constantly over one butte-like hill, and were observed in courting acts once. 639
Sparrow Hawk - hovering over a field
Bobwhite - heard
Pheasant - saw a few roosters
Virginia Rail - located another pair in the Faling Swamp, which had young up to 3 or 4 inches in size. Both parents stayed close by. Couldn't catch young.
Mallards - a few, and one female
Pintail - flushed one bird
Wood Duck - heard one
Hooded Merganser - saw 4 young (of this species?) on the Faling swamp above the dam.
Killdeer
Band-tailed Pigeons - 4 flushed from ground near dry old creek bed
Mourning Doves - seen in the gravel road
Vaux Swift - 5 over the Faling swamp
Rufous Hummingbird - at the "   "
Little Flycatcher - heard several and saw one
Horned Lark - singing and sailing at height of over 300 feet above ground
Violet-green Swallows - a few
Tree Swallows - quite common today
Barn Swallows - several seen. The nest still has 5 eggs in it.
Cliff Swallows - dipping into the swamp near the bridge
W. Crow - several heard and seen.
Oregon Chickadee - heard and seen
Tule Wren - heard at 12-mile Swamp
Robin - a few seen
Russet-backed Thrush - Dave heard one
Cassin Vireo - several heard
Yellow Warbler - a few seen
Pacific Yellowthroat - one nest in Rosa nutkana along fence row from the swamp, at 1½ ft.
Long Tailed Chat - quite a few heard in the areas on the Faling Swamp.
Meadowlark - flew over us, singing lustily
NW Redwings - abundant at Faling Swamp. Found one clutch of 5 eggs at 12-mile, Also another of 4 fresh eggs, and a new nest at 6 feet in open top of Spirea.
Brewer Blackbirds - common
Lazuli Bunting - two males and one female seen
Willow Goldfinch - a flock of 20 or 25 seen on the way back to town.
Oregon Towhee

May 28, 1947, Corvallis:

Robin nest with 4 young ready to leave in 4 days - nest at 7½ feet in Hazel, in lawn area between two houses. Exposed to the south, and the entire area. 640
Robin nest in Cherry tree at 15 feet, on a limb running SE, nest shaded by immediate leaves and twigs, but no other shade E, S, or W.
Calif. Purple Finch - 2 pair were perched on one of the cornices of the Library - 7 p.m.

May 29, 1947, S. Spur, MacDonald Forest, 1130 a.m. to 4 p.m. 2000 OVC, Warm, still.

Vulture - a couple circled over now and then.
Blue Grouse - hooting now and then
Mountain Quail - one was heard mor e or less continuously for the most of the p.m.
Flicker - heard one
Pileated Woodpecker - heard one
Olive-sided Flycatcher - heard a couple.
Stellar Jay - quite a few seen and heard, giving many different calls. One pair courting.
One flew over, high, giving a sort of "croak". Another did an outside loop.
Raven - two diff. heard. One flew over, and circled high on set wings before gliding off.
Brown Creeper - saw one pair working a D. Fir and oak
Robin - saw a few
Golden-crowned Kinglets - a small flock of 7 seen in fir area.
Meadowlark - singing
Western Tanager - heard the "pittock" call all day.
Evening Grosbeaks - a few flying here and there and calling.
Pine Siskin - flock of 15 or 20 working the fir tree tops.
Towhee
Junco
Song Sparrow

641

May 31, 1947, Milk Ranch, Abiqua Creek, 430 to 530 p.m. Clouds and RW -

Blue Grouse hooting
Mountain Quail - flushed one pair from the edge of the road, and they flew 10 feet.
Band-tailed Pigeons - flushed 4 or 5 from a fir clump on open south slope.
Mourning Dove - heard some in the snag-burn area.
Vaux Swift - saw 7 of them on the wing
Rufous Hummingbird - one female seen.
Flicker - heard and saw several.
Pileated Woodpecker - as I came to the nesting snag, the female entered the nest,
and stayed in when she saw I was parked nearby. She remained in for over 15
minutes, at which time I became tired of waiting, and moved on.
Red-breasted Sapsucker - has nest at 18 feet on SE side of 6" D. Fir snag ~~at~~ on the
exposed South slope about 120 feet from the Pileated Woodpecker nest.
Little Flycatcher - saw a couple of them.
Olive-backed Flycatcher - one perched atop a tall live D. Fir.
Violet-green Swallows flying low over pasture. Young bird perched on snag at edge
of the pasture, preening its feathers. It didn't fly while I was there.
Slender-billed Nuthatch - heard a couple.
Robin - a few seen.
Russet-backed Thrush - heard a few, and saw one at edge of road.
Western Bluebirds - still going to and from nest hole described previously. No young
seen in the area yet - still in the nest, I guess.
Cassin Vireos - a few heard.
Townsend Warbler - saw one working thru a clump of small fir and alders by the edge
of the creek that drains the pond. Had a swell view of it. Sang while I watched.
Pacific Yellowthroat - only a couple were heard.
Western Tanager - heard one.
Towhee - a few seen and heard
Junco - a few heard and seen.
White-crowned Sparrows - two perched on snag over a briar patch.
Song Sparrow - a few singing, and others seen.

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May 31, 1947, Abiqua Creek, 2 miles below Abiqua Camp, near Hande's cabin.

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Rufous Hummingbird Kingfisher - just one Chestnut-backed Chickadees.
Mountain Chickadees - just two seen working alder along the edge of the creek.
Winter Wrens singing here and there.
Russet-backed Thrush - called with me for several minutes - very shy today.
Song Sparrows heard and seen.

June 1, 1947, Silverton to Stayton - 10-11 a.m. Very intense thunderstorm, with clouds at 200 feet, very dark, and 25& SW to W wind, with heavy rain !

Vulture - one flying into a fir grove.
Violet-Green Swallows,
Barn Swallows, and
Cliff Swallows were flying and feeding in all this storm, dark as it was.
Robins - out along fence rows in the storm.
Russet-backed Thrush - at edge of road in the rain and wind.
Pacific Yellowthroats - flew across the road during the heaviest part of the storm.
Meadowlarks,
Redwing Blackbirds, and
Brewer Blackbirds out in the storm, along the fence rows, too.

June 5, 1947 Stewart Lake, 5 p.m.
Watched Brewer Blkbd & Sharp-shinned Hawk [illegible] hawk.
Cedar Waxwings, feeding on ripening Service berries
1 pr. Wood Ducks on the lake
1 pr. Mallard. 1 hen "flopped" water, but I couldn't locate nest, or young.
Many Tree & Violet-green Swallows over the lake.

June 7, 1947, 12-mile Swamp, Bruce Station 130 to 3 p.m.

Blue Heron - flushed one from the west side of the swamp.
Mallard - a couple of pair seen, and one F acted as if a nest were close by
Wood Ducks - flushed 2F and 1 M from the N end.
Vulture - 6 circling over the swamp area.
Marsh Hawk - female crossed the hiway on the way back, chased by a Brewer Blackbird.
Sparrow Hawk - one male perched on a fence post by the road, and stayed close.
Bobwhite - one crossed the road ahead of the car, and flushed and coasted ahead of us at 23 mph for 25 feet or so before turning off.
Wilson Snipe - heard one or two, supposedly winnowing along the east side center.
Mourning Dove - several pair wer e seen.
Pacific Nighthawk - Tom McAllister reports hearing one today.
Barn Swallow - several over the swamp. Nest had 3 young, and no sign of two eggs extra we found last week. Pin feathers coming out on wings, up to 3/8" long. Banded the 3 young. Parents utter ed singular notes as they swooped up to the nest.
Cliff Swallows - many of them over the swamp. We must have seen 40 or so.
Purple Martin - Tom and I spotted 3 or 4 circling fairly high with Cliff Swallows over the field, just east of the swamp.
Pacific Yellowthroats - common along the fence rows.
Redwing Blackbirds - banded two nests of 4 young each, and found 3 very dirty and sick-looking eggs in another, and a set of 5 clean ones in another nest. All later nests seem to be in the Ash and Spirea, rather than the Carex, etc.
Brewer Blackbirds
Oregon Towhhes - along one of the fence rows.
Song Sparrows - in the ~~son~~ fence rows.

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